

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:08:48

Lab File ID: BN031623.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020258 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.535	0.010	0.5999	40.0
Benzaldehyde	0.843	0.980	0.010	16.2671	40.0
Pyridine	1.386	1.457	0.010	5.1018	40.0
Phenol	1.692	1.785	0.080	5.521	20.0
Bis(2-Chloroethyl)ether	1.404	1.483	0.100	5.6478	20.0
2-Chlorophenol	1.330	1.357	0.200	2.0256	20.0
2-Methylphenol	1.268	1.337	0.010	5.4794	20.0
2,2-oxybis(1-Chloropropane)	1.622	1.757	0.010	8.3135	40.0
Acetophenone	1.988	2.214	0.060	11.3779	20.0
4-Methylphenol	1.347	1.445	0.010	7.2726	20.0
N-Nitroso-di-n-propylamine	1.021	1.100	0.050	7.7112	30.0
Hexachloroethane	0.568	0.584	0.100	2.7905	20.0
Nitrobenzene	0.371	0.372	0.050	0.4355	25.0
Isophorone	0.705	0.725	0.050	2.8552	25.0
2-Nitrophenol	0.161	0.163	0.050	0.8891	25.0
2,4-Dimethylphenol	0.329	0.334	0.050	1.5029	25.0
Bis(2-Chloroethoxy)methane	0.450	0.462	0.050	2.8467	20.0
2,4-Dichlorophenol	0.280	0.282	0.060	0.6194	20.0
Naphthalene	1.029	1.028	0.200	-0.0823	20.0
4-Chloroaniline	0.398	0.426	0.010	7.0505	40.0
Hexachlorobutadiene	0.171	0.170	0.040	-0.719	30.0
Caprolactam	0.091	0.098	0.010	7.507	40.0
4-Chloro-3-methylphenol	0.304	0.330	0.040	8.5161	25.0
1-Methylnaphthalene	0.667	0.695	0.100	4.2357	20.0
2-Methylnaphthalene	0.674	0.697	0.100	3.5003	20.0
Hexachlorocyclopentadiene	0.339	0.283	0.010	-16.4646	40.0
2,4,6-Trichlorophenol	0.350	0.345	0.090	-1.3128	25.0
2,4,5-Trichlorophenol	0.379	0.386	0.100	1.9376	25.0
1,1-Biphenyl	1.442	1.436	0.200	-0.4182	20.0
2-Chloronaphthalene	1.142	1.128	0.300	-1.2365	20.0
2-Nitroaniline	0.299	0.316	0.050	5.7357	40.0
Dimethylphthalate	1.286	1.372	0.300	6.6803	20.0
2,6-Dinitrotoluene	0.245	0.269	0.080	9.8703	30.0
Acenaphthylene	1.824	1.858	0.400	1.8598	20.0
3-Nitroaniline	0.278	0.300	0.010	7.987	40.0
Acenaphthene	1.182	1.222	0.200	3.4644	20.0
2,4-Dinitrophenol	0.113	0.099	0.010	-12.0067	40.0
4-Nitrophenol	0.180	0.195	0.010	8.4908	40.0
Dibenzofuran	1.577	1.616	0.300	2.4526	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:08:48

Lab File ID: BN031623.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020258 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.387	0.070	17.8073	30.0
Diethylphthalate	1.212	1.375	0.300	13.4586	20.0
Fluorene	1.236	1.317	0.200	6.5959	20.0
4-Chlorophenyl-phenylether	0.595	0.624	0.100	4.8574	20.0
4-Nitroaniline	0.250	0.289	0.010	15.6724	40.0
4,6-Dinitro-2-methylphenol	0.095	0.089	0.010	-6.0097	40.0
N-Nitrosodiphenylamine	0.589	0.577	0.050	-1.9554	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.542	0.100	-4.2858	20.0
4-Bromophenyl-phenylether	0.201	0.200	0.070	-0.4755	20.0
Hexachlorobenzene	0.217	0.219	0.050	0.6013	25.0
Atrazine	0.158	0.165	0.010	3.8572	25.0
Pentachlorophenol	0.124	0.125	0.010	1.2041	40.0
Phenanthrene	1.015	1.046	0.200	3.0337	20.0
Pentachlorobenzene	0.288	0.263	0.050	-8.7672	20.0
Anthracene	1.018	1.055	0.200	3.5802	20.0
1,2,3,4-Tetrachlorobenzene	0.318	0.278	0.050	-12.6525	20.0
Carbazole	0.869	0.933	0.050	7.3535	40.0
Di-n-butylphthalate	0.998	1.142	0.500	14.4203	25.0
Fluoranthene	1.551	1.577	0.400	1.7259	25.0
Pyrene	1.590	1.626	0.400	2.2654	25.0
Butylbenzylphthalate	0.540	0.620	0.100	14.8037	40.0
3,3-Dichlorobenzidine	0.385	0.379	0.010	-1.4049	40.0
Benzo (a) anthracene	1.345	1.358	0.300	0.9451	30.0
Chrysene	1.242	1.246	0.200	0.3246	30.0
Bis(2-ethylhexyl)phthalate	0.739	0.853	0.200	15.4564	40.0
Di-n-octyl phthalate	1.143	1.330	0.010	16.3529	40.0
Benzo (b) fluoranthene	1.167	1.190	0.200	1.9746	25.0
Benzo (k) fluoranthene	1.190	1.217	0.200	2.3041	25.0
Benzo (a) pyrene	1.121	1.147	0.200	2.3399	20.0
Indeno (1,2,3-cd) pyrene	1.346	1.327	0.200	-1.3453	25.0
Dibenzo (a,h) anthracene	1.108	1.086	0.200	-1.9936	30.0
Benzo (g,h,i) perylene	1.112	1.089	0.200	-2.0588	30.0
2,3,4,6-Tetrachlorophenol	0.275	0.294	0.040	6.7496	20.0
1,4-Dioxane-d8	0.505	0.500	0.010	-0.8195	25.0
Pyridine-d5	1.408	1.457	0.010	3.4995	40.0
Phenol-d5	1.646	1.708	0.010	3.7558	25.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.046	0.050	5.961	25.0
2-Chlorophenol-d4	1.269	1.282	0.200	1.0362	20.0
4-Methylphenol-d8	1.275	1.349	0.010	5.8692	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324
 Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:08:48
 Lab File ID: BN031623.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020258 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.149	0.050	-1.6718	20.0
2-Nitrophenol-d4	0.145	0.140	0.050	-3.0708	30.0
2,4-Dichlorophenol-d3	0.283	0.289	0.060	2.1737	20.0
4-Chloroaniline-d4	0.407	0.431	0.010	5.6778	40.0
Dimethylphthalate-d6	1.260	1.338	0.300	6.1544	20.0
Acenaphthylene-d8	1.580	1.633	0.400	3.3676	20.0
4-Nitrophenol-d4	0.238	0.254	0.010	6.5822	40.0
Fluorene-d10	1.092	1.154	0.100	5.6693	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.082	0.010	-4.9458	40.0
Anthracene-d10	0.847	0.868	0.300	2.5301	20.0
Pyrene-d10	1.255	1.305	0.300	4.0251	25.0
Benzo(a)pyrene-d12	0.941	0.941	0.010	0.0062	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:15:37

Lab File ID: BN031633.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020259 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.535	0.010	0.6561	40.0
Benzaldehyde	0.843	0.980	0.010	16.2287	40.0
Pyridine	1.386	1.490	0.010	7.5462	40.0
Phenol	1.692	1.809	0.080	6.894	20.0
Bis(2-Chloroethyl)ether	1.404	1.476	0.100	5.1087	20.0
2-Chlorophenol	1.330	1.339	0.200	0.6407	20.0
2-Methylphenol	1.268	1.337	0.010	5.4873	20.0
2,2-oxybis(1-Chloropropane)	1.622	1.740	0.010	7.3003	40.0
Acetophenone	1.988	2.208	0.060	11.0708	20.0
4-Methylphenol	1.347	1.443	0.010	7.1164	20.0
N-Nitroso-di-n-propylamine	1.021	1.095	0.050	7.2557	30.0
Hexachloroethane	0.568	0.578	0.100	1.6108	20.0
Nitrobenzene	0.371	0.366	0.050	-1.2971	25.0
Isophorone	0.705	0.709	0.050	0.4674	25.0
2-Nitrophenol	0.161	0.156	0.050	-3.0082	25.0
2,4-Dimethylphenol	0.329	0.326	0.050	-0.8353	25.0
Bis(2-Chloroethoxy)methane	0.450	0.445	0.050	-0.9928	20.0
2,4-Dichlorophenol	0.280	0.280	0.060	-0.2068	20.0
Naphthalene	1.029	1.034	0.200	0.4859	20.0
4-Chloroaniline	0.398	0.421	0.010	5.9333	40.0
Hexachlorobutadiene	0.171	0.166	0.040	-3.1835	30.0
Caprolactam	0.091	0.097	0.010	6.9231	40.0
4-Chloro-3-methylphenol	0.304	0.319	0.040	4.9162	25.0
1-Methylnaphthalene	0.667	0.683	0.100	2.3662	20.0
2-Methylnaphthalene	0.674	0.689	0.100	2.2247	20.0
Hexachlorocyclopentadiene	0.339	0.278	0.010	-18.0773	40.0
2,4,6-Trichlorophenol	0.350	0.350	0.090	-0.0275	25.0
2,4,5-Trichlorophenol	0.379	0.370	0.100	-2.1889	25.0
1,1-Biphenyl	1.442	1.449	0.200	0.5092	20.0
2-Chloronaphthalene	1.142	1.136	0.300	-0.4753	20.0
2-Nitroaniline	0.299	0.310	0.050	3.8319	40.0
Dimethylphthalate	1.286	1.370	0.300	6.4856	20.0
2,6-Dinitrotoluene	0.245	0.262	0.080	6.7957	30.0
Acenaphthylene	1.824	1.882	0.400	3.2219	20.0
3-Nitroaniline	0.278	0.293	0.010	5.4808	40.0
Acenaphthene	1.182	1.209	0.200	2.3227	20.0
2,4-Dinitrophenol	0.113	0.091	0.010	-19.2923	40.0
4-Nitrophenol	0.180	0.192	0.010	7.0236	40.0
Dibenzofuran	1.577	1.615	0.300	2.4105	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:15:37

Lab File ID: BN031633.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020259 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.374	0.070	13.9506	30.0
Diethylphthalate	1.212	1.333	0.300	9.9683	20.0
Fluorene	1.236	1.330	0.200	7.68	20.0
4-Chlorophenyl-phenylether	0.595	0.621	0.100	4.4161	20.0
4-Nitroaniline	0.250	0.291	0.010	16.6782	40.0
4,6-Dinitro-2-methylphenol	0.095	0.083	0.010	-12.8857	40.0
N-Nitrosodiphenylamine	0.589	0.577	0.050	-2.0151	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.548	0.100	-3.2149	20.0
4-Bromophenyl-phenylether	0.201	0.193	0.070	-4.133	20.0
Hexachlorobenzene	0.217	0.215	0.050	-0.9046	25.0
Atrazine	0.158	0.160	0.010	0.8034	25.0
Pentachlorophenol	0.124	0.115	0.010	-7.6163	40.0
Phenanthrene	1.015	1.029	0.200	1.3469	20.0
Pentachlorobenzene	0.288	0.256	0.050	-11.0685	20.0
Anthracene	1.018	1.032	0.200	1.3128	20.0
1,2,3,4-Tetrachlorobenzene	0.318	0.279	0.050	-12.1147	20.0
Carbazole	0.869	0.943	0.050	8.5699	40.0
Di-n-butylphthalate	0.998	1.084	0.500	8.6427	25.0
Fluoranthene	1.551	1.645	0.400	6.0534	25.0
Pyrene	1.590	1.672	0.400	5.1393	25.0
Butylbenzylphthalate	0.540	0.600	0.100	11.2044	40.0
3,3-Dichlorobenzidine	0.385	0.344	0.010	-10.635	40.0
Benzo (a) anthracene	1.345	1.338	0.300	-0.502	30.0
Chrysene	1.242	1.236	0.200	-0.4847	30.0
Bis(2-ethylhexyl)phthalate	0.739	0.817	0.200	10.5297	40.0
Di-n-octyl phthalate	1.143	1.308	0.010	14.4405	40.0
Benzo (b) fluoranthene	1.167	1.221	0.200	4.6294	25.0
Benzo (k) fluoranthene	1.190	1.281	0.200	7.6959	25.0
Benzo (a) pyrene	1.121	1.173	0.200	4.5961	20.0
Indeno (1,2,3-cd) pyrene	1.346	1.340	0.200	-0.4423	25.0
Dibenzo (a,h) anthracene	1.108	1.110	0.200	0.2184	30.0
Benzo (g,h,i) perylene	1.112	1.126	0.200	1.3024	30.0
2,3,4,6-Tetrachlorophenol	0.275	0.288	0.040	4.5951	20.0
1,4-Dioxane-d8	0.505	0.506	0.010	0.2279	25.0
Pyridine-d5	1.408	1.454	0.010	3.2746	40.0
Phenol-d5	1.646	1.730	0.010	5.1011	25.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.045	0.050	5.833	25.0
2-Chlorophenol-d4	1.269	1.289	0.200	1.6349	20.0
4-Methylphenol-d8	1.275	1.374	0.010	7.8365	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:15:37

Lab File ID: BN031633.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020259 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.146	0.050	-3.8334	20.0
2-Nitrophenol-d4	0.145	0.136	0.050	-6.0748	30.0
2,4-Dichlorophenol-d3	0.283	0.284	0.060	0.6392	20.0
4-Chloroaniline-d4	0.407	0.424	0.010	4.1018	40.0
Dimethylphthalate-d6	1.260	1.321	0.300	4.8263	20.0
Acenaphthylene-d8	1.580	1.605	0.400	1.587	20.0
4-Nitrophenol-d4	0.238	0.252	0.010	5.827	40.0
Fluorene-d10	1.092	1.161	0.100	6.271	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.074	0.010	-13.8824	40.0
Anthracene-d10	0.847	0.853	0.300	0.6998	20.0
Pyrene-d10	1.255	1.343	0.300	7.0381	25.0
Benzo(a)pyrene-d12	0.941	0.975	0.010	3.5433	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:02:47

Lab File ID: BN031649.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020260 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.525	0.010	-1.2376	50.0
Benzaldehyde	0.843	0.971	0.010	15.1493	50.0
Pyridine	1.386	1.400	0.010	1.0223	50.0
Phenol	1.692	1.753	0.080	3.615	50.0
Bis(2-Chloroethyl)ether	1.404	1.455	0.100	3.6124	50.0
2-Chlorophenol	1.330	1.379	0.200	3.6668	50.0
2-Methylphenol	1.268	1.320	0.010	4.168	50.0
2,2-oxybis(1-Chloropropane)	1.622	1.647	0.010	1.5568	50.0
Acetophenone	1.988	2.103	0.060	5.7766	50.0
4-Methylphenol	1.347	1.404	0.010	4.2284	50.0
N-Nitroso-di-n-propylamine	1.021	1.028	0.050	0.6426	50.0
Hexachloroethane	0.568	0.584	0.100	2.6719	50.0
Nitrobenzene	0.371	0.372	0.050	0.383	50.0
Isophorone	0.705	0.698	0.050	-1.0529	50.0
2-Nitrophenol	0.161	0.169	0.050	5.1867	50.0
2,4-Dimethylphenol	0.329	0.331	0.050	0.7051	50.0
Bis(2-Chloroethoxy)methane	0.450	0.444	0.050	-1.257	50.0
2,4-Dichlorophenol	0.280	0.285	0.060	1.5708	50.0
Naphthalene	1.029	1.025	0.200	-0.3889	50.0
4-Chloroaniline	0.398	0.398	0.010	0.0622	50.0
Hexachlorobutadiene	0.171	0.174	0.040	1.6068	50.0
Caprolactam	0.091	0.089	0.010	-1.8691	50.0
4-Chloro-3-methylphenol	0.304	0.305	0.040	0.145	50.0
1-Methylnaphthalene	0.667	0.666	0.100	-0.1728	50.0
2-Methylnaphthalene	0.674	0.666	0.100	-1.1609	50.0
Hexachlorocyclopentadiene	0.339	0.292	0.010	-13.8015	50.0
2,4,6-Trichlorophenol	0.350	0.364	0.090	4.0997	50.0
2,4,5-Trichlorophenol	0.379	0.396	0.100	4.5713	50.0
1,1-Biphenyl	1.442	1.504	0.200	4.2805	50.0
2-Chloronaphthalene	1.142	1.181	0.300	3.4525	50.0
2-Nitroaniline	0.299	0.313	0.050	4.8462	50.0
Dimethylphthalate	1.286	1.364	0.300	6.0874	50.0
2,6-Dinitrotoluene	0.245	0.270	0.080	10.2892	50.0
Acenaphthylene	1.824	1.901	0.400	4.2386	50.0
3-Nitroaniline	0.278	0.293	0.010	5.1782	50.0
Acenaphthene	1.182	1.216	0.200	2.9499	50.0
2,4-Dinitrophenol	0.113	0.090	0.010	-20.028	50.0
4-Nitrophenol	0.180	0.168	0.010	-6.7631	50.0
Dibenzofuran	1.577	1.621	0.300	2.7575	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324

Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:02:47

Lab File ID: BN031649.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020260 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.349	0.070	6.2531	50.0
Diethylphthalate	1.212	1.308	0.300	7.9127	50.0
Fluorene	1.236	1.263	0.200	2.2343	50.0
4-Chlorophenyl-phenylether	0.595	0.596	0.100	0.2496	50.0
4-Nitroaniline	0.250	0.265	0.010	6.3835	50.0
4,6-Dinitro-2-methylphenol	0.095	0.088	0.010	-7.0613	50.0
N-Nitrosodiphenylamine	0.589	0.640	0.050	8.65	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.587	0.100	3.7649	50.0
4-Bromophenyl-phenylether	0.201	0.216	0.070	7.2198	50.0
Hexachlorobenzene	0.217	0.235	0.050	8.2856	50.0
Atrazine	0.158	0.171	0.010	8.0368	50.0
Pentachlorophenol	0.124	0.119	0.010	-4.0178	50.0
Phenanthrene	1.015	1.056	0.200	3.9985	50.0
Pentachlorobenzene	0.288	0.308	0.050	7.0502	50.0
Anthracene	1.018	1.050	0.200	3.1249	50.0
1,2,3,4-Tetrachlorobenzene	0.318	0.353	0.050	11.1331	50.0
Carbazole	0.869	0.883	0.050	1.5673	50.0
Di-n-butylphthalate	0.998	1.104	0.500	10.6854	50.0
Fluoranthene	1.551	1.475	0.400	-4.8534	50.0
Pyrene	1.590	1.473	0.400	-7.3968	50.0
Butylbenzylphthalate	0.540	0.552	0.100	2.2319	50.0
3,3-Dichlorobenzidine	0.385	0.376	0.010	-2.2742	50.0
Benzo (a) anthracene	1.345	1.380	0.300	2.6396	50.0
Chrysene	1.242	1.271	0.200	2.337	50.0
Bis (2-ethylhexyl) phthalate	0.739	0.771	0.200	4.3468	50.0
Di-n-octyl phthalate	1.143	0.984	0.010	-13.8772	50.0
Benzo (b) fluoranthene	1.167	1.123	0.200	-3.7916	50.0
Benzo (k) fluoranthene	1.190	1.122	0.200	-5.7317	50.0
Benzo (a) pyrene	1.121	1.110	0.200	-0.9729	50.0
Indeno (1,2,3-cd) pyrene	1.346	1.380	0.200	2.5609	50.0
Dibenzo (a,h) anthracene	1.108	1.149	0.200	3.7191	50.0
Benzo (g,h,i) perylene	1.112	1.110	0.200	-0.1611	50.0
2,3,4,6-Tetrachlorophenol	0.275	0.278	0.040	0.986	50.0
1,4-Dioxane-d8	0.505	0.489	0.010	-3.1278	50.0
Pyridine-d5	1.408	1.411	0.010	0.1907	50.0
Phenol-d5	1.646	1.723	0.010	4.6771	50.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.030	0.050	4.2656	50.0
2-Chlorophenol-d4	1.269	1.325	0.200	4.4252	50.0
4-Methylphenol-d8	1.275	1.338	0.010	4.9651	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG No.: BN052324
 Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:02:47
 Lab File ID: BN031649.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020260 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.154	0.050	2.0295	50.0
2-Nitrophenol-d4	0.145	0.153	0.050	6.0631	50.0
2,4-Dichlorophenol-d3	0.283	0.291	0.060	3.1362	50.0
4-Chloroaniline-d4	0.407	0.406	0.010	-0.4165	50.0
Dimethylphthalate-d6	1.260	1.305	0.300	3.5658	50.0
Acenaphthylene-d8	1.580	1.655	0.400	4.7702	50.0
4-Nitrophenol-d4	0.238	0.218	0.010	-8.5966	50.0
Fluorene-d10	1.092	1.128	0.100	3.2862	50.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.081	0.010	-5.8467	50.0
Anthracene-d10	0.847	0.869	0.300	2.6589	50.0
Pyrene-d10	1.255	1.181	0.300	-5.8788	50.0
Benzo(a)pyrene-d12	0.941	0.927	0.010	-1.5835	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SBLK002	SDG No.:	BN052324
Lab Sample ID:	PB161002BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031624.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SBLK002	SDG No.:	BN052324
Lab Sample ID:	PB161002BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031624.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SBLK002	SDG No.:	BN052324
Lab Sample ID:	PB161002BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031624.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.012		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	32.091		20-120		80	SPK: -40
4165-62-2	Phenol-d5	31.059		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.926		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.519		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	31.708		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	30.714		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.422		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.474		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.829		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.409		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.496		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.958		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	33.719		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SBLK002	SDG No.:	BN052324
Lab Sample ID:	PB161002BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031624.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.414		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	34.286		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.311		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.195		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	454544	7.687				
1146-65-2	Naphthalene-d8	1932339	10.475				
15067-26-2	Acenaphthene-d10	1240873	14.328				
1517-22-2	Phenanthrene-d10	2354478	17.069				
1719-03-5	Chrysene-d12	1597908	21.298				
1520-96-3	Perylene-d12	1338376	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA12	SDG No.:	BN052324
Lab Sample ID:	P2483-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031625.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.5	U	1.5	5.2	10	ug/L
110-86-1	Pyridine	0.89	U	0.89	10.4	10	ug/L
108-95-2	Phenol	1.8	U	1.8	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.6	U	1.6	5.2	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.6	5.2	ug/L
95-48-7	2-Methylphenol	1.6	U	1.6	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.5	U	1.5	5.2	10	ug/L
98-86-2	Acetophenone	2.2	U	2.2	5.2	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	5.2	ug/L
67-72-1	Hexachloroethane	0.93	U	0.93	2.6	5.2	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.2	ug/L
78-59-1	Isophorone	1.5	U	1.5	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.5	U	1.5	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.75	U	0.75	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.6	5.2	ug/L
91-20-3	Naphthalene	1.6	U	1.6	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.2	ug/L
105-60-2	Caprolactam	1.4	U	1.4	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.5	U	1.5	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.5	U	1.5	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	2.6	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA12	SDG No.:	BN052324
Lab Sample ID:	P2483-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031625.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2	U	2	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.9	U	1.9	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.3	U	1.3	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.7	U	1.7	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.9	U	1.9	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	0.9	U	0.9	5.2	10	ug/L
83-32-9	Acenaphthene	2	U	2	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	2	U	2	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.6	U	1.6	5.2	10	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.6	U	1.6	2.6	5.2	ug/L
86-73-7	Fluorene	2.1	U	2.1	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2	U	2	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.63	U	0.63	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.8	U	1.8	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	1.9	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	2	U	2	2.6	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	5.2	10	ug/L
87-86-5	Pentachlorophenol	1.8	U	1.8	5.2	10	ug/L
85-01-8	Phenanthrene	1.9	U	1.9	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.4	U	1.4	2.6	5.2	ug/L
120-12-7	Anthracene	1.8	U	1.8	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.78	U	0.78	2.6	5.2	ug/L
86-74-8	Carbazole	2.1	U	2.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	1.8	U	1.8	2.6	5.2	ug/L
206-44-0	Fluoranthene	1.8	U	1.8	5.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA12	SDG No.:	BN052324
Lab Sample ID:	P2483-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031625.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	1.6	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.5	U	1.5	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	2.6	5.2	ug/L
218-01-9	Chrysene	1.8	U	1.8	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.7	U	1.7	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	2.3	U	2.3	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	2.1	U	2.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2	U	2	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.1	U	2.1	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	1.9	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.584		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	7.373	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.596		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.954		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.673		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.3		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	29.62		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.733		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.107		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.038		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.428		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.472		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.217		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	32.022		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA12	SDG No.:	BN052324
Lab Sample ID:	P2483-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031625.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.337		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	35.453		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	32.429		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.51		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	484038	7.693				
1146-65-2	Naphthalene-d8	1993335	10.475				
15067-26-2	Acenaphthene-d10	1131794	14.328				
1517-22-2	Phenanthrene-d10	1885389	17.069				
1719-03-5	Chrysene-d12	1364960	21.298				
1520-96-3	Perylene-d12	1516745	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	2.8	J			8.781	
013679-75-9	1-(2-Thienyl)-1-propanone	2.7	J			10.381	
E966796	Total Alkanes	2	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6523			SDG No.:	BN052324		
Lab Sample ID:	SP6523			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031626.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	500	2000	ug/L
100-52-7	Benzaldehyde	1400	U	1400	5000	10000	ug/L
110-86-1	Pyridine	850	U	850	10000	10000	ug/L
108-95-2	Phenol	1700	U	1700	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1500	U	1500	5000	10000	ug/L
95-57-8	2-Chlorophenol	1100	U	1100	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	1400	5000	10000	ug/L
98-86-2	Acetophenone	2100	U	2100	5000	10000	ug/L
106-44-5	4-Methylphenol	1600	U	1600	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1400	U	1400	2500	5000	ug/L
67-72-1	Hexachloroethane	890	U	890	2500	5000	ug/L
98-95-3	Nitrobenzene	1300	U	1300	2500	5000	ug/L
78-59-1	Isophorone	1400	U	1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	1400	U	1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	720	U	720	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1400	U	1400	2500	5000	ug/L
91-20-3	Naphthalene	1500	U	1500	2500	5000	ug/L
106-47-8	4-Chloroaniline	1700	U	1700	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1100	U	1100	2500	5000	ug/L
105-60-2	Caprolactam	1300	U	1300	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	970	U	970	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1500	U	1500	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	U	1400	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6523	SDG No.:	BN052324
Lab Sample ID:	SP6523	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031626.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1900	U	1900	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1800	U	1800	2500	5000	ug/L
88-74-4	2-Nitroaniline	1200	U	1200	2500	5000	ug/L
131-11-3	Dimethylphthalate	1600	U	1600	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1300	U	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	1800	U	1800	2500	5000	ug/L
99-09-2	3-Nitroaniline	860	U	860	5000	10000	ug/L
83-32-9	Acenaphthene	1900	U	1900	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1900	U	1900	5000	10000	ug/L
100-02-7	4-Nitrophenol	1500	U	1500	5000	10000	ug/L
132-64-9	Dibenzofuran	1700	U	1700	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	970	U	970	2500	5000	ug/L
84-66-2	Diethylphthalate	1500	U	1500	2500	5000	ug/L
86-73-7	Fluorene	2000	U	2000	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1900	U	1900	2500	5000	ug/L
100-01-6	4-Nitroaniline	600	U	600	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1700	U	1700	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1700	U	1700	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1900	U	1900	2500	5000	ug/L
1912-24-9	Atrazine	1200	U	1200	5000	10000	ug/L
87-86-5	Pentachlorophenol	1700	U	1700	5000	10000	ug/L
85-01-8	Phenanthrene	1800	U	1800	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1300	U	1300	2500	5000	ug/L
120-12-7	Anthracene	1700	U	1700	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	750	U	750	2500	5000	ug/L
86-74-8	Carbazole	2000	U	2000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1700	U	1700	2500	5000	ug/L
206-44-0	Fluoranthene	1700	U	1700	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6523	SDG No.:	BN052324
Lab Sample ID:	SP6523	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031626.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	1500	U	1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1500	U	1500	2500	5000	ug/L
218-01-9	Chrysene	1700	U	1700	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1300	U	1300	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1600	U	1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	2200	U	2200	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	2000	U	2000	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U	1900	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	2000	U	2000	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1900	U	1900	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	18608	*	15-120		232600	SPK: -8
7291-22-7	Pyridine-d5	99413	*	20-120		248532	SPK: -40
4165-62-2	Phenol-d5	96625	*	10-130		241563	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	99465	*	25-120		248663	SPK: -40
93951-73-6	2-Chlorophenol-d4	98949	*	20-130		247373	SPK: -40
190780-66-6	4-Methylphenol-d8	98502	*	25-125		246255	SPK: -40
4165-60-0	Nitrobenzene-d5	97619	*	20-125		244048	SPK: -40
93951-78-1	2-Nitrophenol-d4	101986	*	20-130		254965	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	90712	*	20-120		226780	SPK: -40
191656-33-4	4-Chloroaniline-d4	100020	*	1-146		250050	SPK: -40
85448-30-2	Dimethylphthalate-d6	95788	*	25-130		239470	SPK: -40
93951-97-4	Acenaphthylene-d8	90523	*	10-130		226307	SPK: -40
93951-79-2	4-Nitrophenol-d4	97647	*	10-150		244118	SPK: -40
81103-79-9	Fluorene-d10	91438	*	25-125		228595	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6523			SDG No.:	BN052324		
Lab Sample ID:	SP6523			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031626.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	82331	*	10-130		205827	SPK: -40
1719-06-8	Anthracene-d10	87312	*	25-130		218280	SPK: -40
1718-52-1	Pyrene-d10	86112	*	15-130		215280	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	99373	*	20-130		248432	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	385160	7.687				
1146-65-2	Naphthalene-d8	1646517	10.469				
15067-26-2	Acenaphthene-d10	1048913	14.327				
1517-22-2	Phenanthrene-d10	2123042	17.074				
1719-03-5	Chrysene-d12	1534740	21.304				
1520-96-3	Perylene-d12	1219393	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1900	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA13	SDG No.:	BN052324
Lab Sample ID:	P2483-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031627.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.87	U	0.87	10.2	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.6	5.1	ug/L
67-72-1	Hexachloroethane	0.91	U	0.91	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.6	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.99	U	0.99	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA13	SDG No.:	BN052324
Lab Sample ID:	P2483-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031627.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.88	U	0.88	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.99	U	0.99	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.6	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.6	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.77	U	0.77	2.6	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA13	SDG No.:	BN052324
Lab Sample ID:	P2483-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031627.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.6	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.801		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	14.466		20-120		36	SPK: -40
4165-62-2	Phenol-d5	8.834		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.719		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.956		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	20.225		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	36.094		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.714		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.318		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.543		1-146		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.594		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	38.226		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.625		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	40.942		25-125		102	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BHA13	SDG No.:	BN052324
Lab Sample ID:	P2483-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031627.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.365		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	42.943		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	44.548		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.411		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	449552	7.687				
1146-65-2	Naphthalene-d8	1916607	10.475				
15067-26-2	Acenaphthene-d10	1223578	14.328				
1517-22-2	Phenanthrene-d10	2405044	17.069				
1719-03-5	Chrysene-d12	1672260	21.304				
1520-96-3	Perylene-d12	1420983	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	3.8	J			8.781	
013679-75-9	1-(2-Thienyl)-1-propanone	3.6	J			10.381	
000121-33-5	Vanillin	2.1	J			13.246	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.2	J			17.745	
000112-84-5	13-Docosenamide, (Z)-	2.3	J			22.68	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SLCS002	SDG No.:	BN052324
Lab Sample ID:	PB161002BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031628.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	40		1.4	5	10	ug/L
110-86-1	Pyridine	31		0.85	10	10	ug/L
108-95-2	Phenol	33		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	31		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.4	5	10	ug/L
98-86-2	Acetophenone	33		2.1	5	10	ug/L
106-44-5	4-Methylphenol	34		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	30		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.3	2.5	5	ug/L
78-59-1	Isophorone	31		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.4	2.5	5	ug/L
91-20-3	Naphthalene	30		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	32		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.1	2.5	5	ug/L
105-60-2	Caprolactam	35		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SLCS002	SDG No.:	BN052324
Lab Sample ID:	PB161002BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031628.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.86	5	10	ug/L
83-32-9	Acenaphthene	31		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.5	2.5	5	ug/L
86-73-7	Fluorene	33		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.9	2.5	5	ug/L
1912-24-9	Atrazine	29		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	32		1.7	5	10	ug/L
85-01-8	Phenanthrene	34		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.3	2.5	5	ug/L
120-12-7	Anthracene	32		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		0.75	2.5	5	ug/L
86-74-8	Carbazole	35		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SLCS002	SDG No.:	BN052324
Lab Sample ID:	PB161002BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031628.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.5	2.5	5	ug/L
218-01-9	Chrysene	34		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.79		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	30.985		20-120		77	SPK: -40
4165-62-2	Phenol-d5	32.833		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.731		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.186		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	33.166		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	30.843		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.199		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.66		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.924		1-146		90	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.266		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.131		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.197		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	33.657		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	SLCS002	SDG No.:	BN052324
Lab Sample ID:	PB161002BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031628.D	1	5/20/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.775		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	33.75		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	35.43		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.27		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	465600	7.693				
1146-65-2	Naphthalene-d8	2016946	10.475				
15067-26-2	Acenaphthene-d10	1190319	14.328				
1517-22-2	Phenanthrene-d10	2114647	17.075				
1719-03-5	Chrysene-d12	1328475	21.304				
1520-96-3	Perylene-d12	1340248	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6523			SDG No.:	BN052324		
Lab Sample ID:	SP6523			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031629.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	500	2000	ug/L
100-52-7	Benzaldehyde	1400	U	1400	5000	10000	ug/L
110-86-1	Pyridine	850	U	850	10000	10000	ug/L
108-95-2	Phenol	1700	U	1700	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1500	U	1500	5000	10000	ug/L
95-57-8	2-Chlorophenol	1100	U	1100	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	1400	5000	10000	ug/L
98-86-2	Acetophenone	2100	U	2100	5000	10000	ug/L
106-44-5	4-Methylphenol	1600	U	1600	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1400	U	1400	2500	5000	ug/L
67-72-1	Hexachloroethane	890	U	890	2500	5000	ug/L
98-95-3	Nitrobenzene	1300	U	1300	2500	5000	ug/L
78-59-1	Isophorone	1400	U	1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	1400	U	1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	720	U	720	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1400	U	1400	2500	5000	ug/L
91-20-3	Naphthalene	1500	U	1500	2500	5000	ug/L
106-47-8	4-Chloroaniline	1700	U	1700	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1100	U	1100	2500	5000	ug/L
105-60-2	Caprolactam	1300	U	1300	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	970	U	970	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1500	U	1500	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	U	1400	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6523			SDG No.:	BN052324		
Lab Sample ID:	SP6523			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031629.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1900	U	1900	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1800	U	1800	2500	5000	ug/L
88-74-4	2-Nitroaniline	1200	U	1200	2500	5000	ug/L
131-11-3	Dimethylphthalate	1600	U	1600	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1300	U	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	1800	U	1800	2500	5000	ug/L
99-09-2	3-Nitroaniline	860	U	860	5000	10000	ug/L
83-32-9	Acenaphthene	1900	U	1900	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1900	U	1900	5000	10000	ug/L
100-02-7	4-Nitrophenol	1500	U	1500	5000	10000	ug/L
132-64-9	Dibenzofuran	1700	U	1700	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	970	U	970	2500	5000	ug/L
84-66-2	Diethylphthalate	1500	U	1500	2500	5000	ug/L
86-73-7	Fluorene	2000	U	2000	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1900	U	1900	2500	5000	ug/L
100-01-6	4-Nitroaniline	600	U	600	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1700	U	1700	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1700	U	1700	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1900	U	1900	2500	5000	ug/L
1912-24-9	Atrazine	1200	U	1200	5000	10000	ug/L
87-86-5	Pentachlorophenol	1700	U	1700	5000	10000	ug/L
85-01-8	Phenanthrene	1800	U	1800	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1300	U	1300	2500	5000	ug/L
120-12-7	Anthracene	1700	U	1700	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	750	U	750	2500	5000	ug/L
86-74-8	Carbazole	2000	U	2000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1700	U	1700	2500	5000	ug/L
206-44-0	Fluoranthene	1700	U	1700	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6523			SDG No.:	BN052324		
Lab Sample ID:	SP6523			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031629.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	1500	U	1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1500	U	1500	2500	5000	ug/L
218-01-9	Chrysene	1700	U	1700	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1300	U	1300	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1600	U	1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	2200	U	2200	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	2000	U	2000	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U	1900	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	2000	U	2000	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1900	U	1900	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	18709	*	15-120		233863	SPK: -8
7291-22-7	Pyridine-d5	96477	*	20-120		241193	SPK: -40
4165-62-2	Phenol-d5	95439	*	10-130		238598	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	95629	*	25-120		239073	SPK: -40
93951-73-6	2-Chlorophenol-d4	95168	*	20-130		237920	SPK: -40
190780-66-6	4-Methylphenol-d8	97685	*	25-125		244213	SPK: -40
4165-60-0	Nitrobenzene-d5	94979	*	20-125		237448	SPK: -40
93951-78-1	2-Nitrophenol-d4	100606	*	20-130		251515	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	88081	*	20-120		220202	SPK: -40
191656-33-4	4-Chloroaniline-d4	98706	*	1-146		246765	SPK: -40
85448-30-2	Dimethylphthalate-d6	97120	*	25-130		242800	SPK: -40
93951-97-4	Acenaphthylene-d8	89126	*	10-130		222815	SPK: -40
93951-79-2	4-Nitrophenol-d4	99611	*	10-150		249027	SPK: -40
81103-79-9	Fluorene-d10	93478	*	25-125		233695	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6523			SDG No.:	BN052324		
Lab Sample ID:	SP6523			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031629.D	1		5/23/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	85832	*	10-130		214580	SPK: -40
1719-06-8	Anthracene-d10	88907	*	25-130		222268	SPK: -40
1718-52-1	Pyrene-d10	87105	*	15-130		217763	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	99620	*	20-130		249050	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	401457	7.693				
1146-65-2	Naphthalene-d8	1770444	10.475				
15067-26-2	Acenaphthene-d10	1114003	14.328				
1517-22-2	Phenanthrene-d10	2242668	17.075				
1719-03-5	Chrysene-d12	1580663	21.298				
1520-96-3	Perylene-d12	1263822	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1900	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P2	SDG No.:	BN052324
Lab Sample ID:	P2547-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031630.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	57	U	57	98.5	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.7	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.5	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98.5	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.7	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.7	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.7	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	50.7	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.7	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P2	SDG No.:	BN052324
Lab Sample ID:	P2547-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031630.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.7	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.5	390	ug/Kg
83-32-9	Acenaphthene	60	U	60	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.5	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	50.7	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.7	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.7	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.5	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.7	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.7	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.7	200	ug/Kg
206-44-0	Fluoranthene	94	J	54	98.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P2	SDG No.:	BN052324
Lab Sample ID:	P2547-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031630.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	J	55	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.7	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.814		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.947		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.307		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.578		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.968		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.129		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	15.644		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.01		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.364		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.973		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.003		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.139		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.038		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	19.596		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P2	SDG No.:	BN052324
Lab Sample ID:	P2547-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031630.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.262		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	20.027		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	22.137		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.495		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	443124	7.693				
1146-65-2	Naphthalene-d8	1899736	10.475				
15067-26-2	Acenaphthene-d10	1183358	14.328				
1517-22-2	Phenanthrene-d10	2251680	17.069				
1719-03-5	Chrysene-d12	1373126	21.298				
1520-96-3	Perylene-d12	1300598	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.458	
000770-35-4	1-Phenoxypropan-2-ol	94	J			11.216	
000057-10-3	n-Hexadecanoic acid	88	J			17.975	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P3	SDG No.:	BN052324
Lab Sample ID:	P2547-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031631.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.5	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.5	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.5	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.5	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.7	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.7	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.7	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.7	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.7	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.7	200	ug/Kg



Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	BH5P3			SDG No.:	BN052324	
Lab Sample ID:	P2547-05			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	14.8	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031631.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.7	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.5	390	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.5	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.5	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.7	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.7	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.7	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.5	390	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.5	390	ug/Kg
85-01-8	Phenanthrene	87	J	62	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.7	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.7	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.7	200	ug/Kg
206-44-0	Fluoranthene	190	J	53	96.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P3	SDG No.:	BN052324
Lab Sample ID:	P2547-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031631.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	54	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	97	J	46	49.7	200	ug/Kg
218-01-9	Chrysene	93	J	54	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	56	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	67	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	J	53	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87	J	54	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.521		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.773		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.477		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.171		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.029		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	20.986		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	19.003		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.03		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.313		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.544		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.562		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	20.942		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.345		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	22.304		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P3	SDG No.:	BN052324
Lab Sample ID:	P2547-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031631.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.522		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	22.108		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	25.236		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.648		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	455257	7.693				
1146-65-2	Naphthalene-d8	1979448	10.475				
15067-26-2	Acenaphthene-d10	1232989	14.328				
1517-22-2	Phenanthrene-d10	2329968	17.069				
1719-03-5	Chrysene-d12	1392204	21.304				
1520-96-3	Perylene-d12	1283595	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.458	
000770-35-4	1-Phenoxypropan-2-ol	94	J			11.211	
000057-10-3	n-Hexadecanoic acid	120	J			17.975	
	(DEL) Alkane: Cyclic20.998	93	J			20.998	
E966796	Total Alkanes	93				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q3	SDG No.:	BN052324
Lab Sample ID:	P2547-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031632.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.5	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.5	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.5	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.5	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.2	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.2	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.2	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.2	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q3	SDG No.:	BN052324
Lab Sample ID:	P2547-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031632.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.2	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.5	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.5	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.5	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.2	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.2	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.5	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.5	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.2	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.2	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.2	200	ug/Kg
206-44-0	Fluoranthene	65	J	53	97.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q3	SDG No.:	BN052324
Lab Sample ID:	P2547-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031632.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	68	J	54	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.847		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	10.512		20-120		26	SPK: -40
4165-62-2	Phenol-d5	15.847		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.779		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.991		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.04		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.12		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.188		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.115		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.837		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.506		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.495		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.53		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	18.492		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q3	SDG No.:	BN052324
Lab Sample ID:	P2547-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031632.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.813		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	17.961		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	20.423		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.845		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	499987	7.687				
1146-65-2	Naphthalene-d8	2152142	10.469				
15067-26-2	Acenaphthene-d10	1278755	14.328				
1517-22-2	Phenanthrene-d10	2406376	17.069				
1719-03-5	Chrysene-d12	1395883	21.304				
1520-96-3	Perylene-d12	1356153	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BN052324
Lab Sample ID:	PB161044BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031634.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BN052324
Lab Sample ID:	PB161044BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031634.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BN052324
Lab Sample ID:	PB161044BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031634.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.305		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	31.853		20-120		80	SPK: -40
4165-62-2	Phenol-d5	31.634		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.619		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.304		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	31.687		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	30.768		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.714		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.081		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.846		1-145		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.541		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.012		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.371		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	32.316		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BN052324
Lab Sample ID:	PB161044BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031634.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.024		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	33.622		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	32.77		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.541		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	421161	7.693				
1146-65-2	Naphthalene-d8	1772547	10.475				
15067-26-2	Acenaphthene-d10	1039249	14.328				
1517-22-2	Phenanthrene-d10	1771901	17.069				
1719-03-5	Chrysene-d12	1133983	21.298				
1520-96-3	Perylene-d12	1260052	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W9	SDG No.:	BN052324
Lab Sample ID:	P2547-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031635.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.2	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.1	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.2	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.2	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.1	200	ug/Kg
91-20-3	Naphthalene	280		39	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.1	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	95	J	22	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W9	SDG No.:	BN052324
Lab Sample ID:	P2547-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031635.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.1	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97.2	390	ug/Kg
83-32-9	Acenaphthene	570		59	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.2	390	ug/Kg
132-64-9	Dibenzofuran	370		47	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.1	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.1	200	ug/Kg
86-73-7	Fluorene	490		68	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.2	390	ug/Kg
85-01-8	Phenanthrene	4100	E	62	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50.1	200	ug/Kg
120-12-7	Anthracene	1100		55	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.1	200	ug/Kg
86-74-8	Carbazole	580		72	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.1	200	ug/Kg
206-44-0	Fluoranthene	4100	E	53	97.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W9	SDG No.:	BN052324
Lab Sample ID:	P2547-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031635.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400	E	54	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		46	50.1	200	ug/Kg
218-01-9	Chrysene	1700		54	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		57	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	710		68	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	1600		67	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		53	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250		61	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		54	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.411		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	16.999		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.447		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.988		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.118		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.065		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	18.596		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.816		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.091		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.639		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.558		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.073		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.302		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.565		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W9	SDG No.:	BN052324
Lab Sample ID:	P2547-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031635.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.384		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	22.325		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.877		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.93		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	455978	7.693				
1146-65-2	Naphthalene-d8	2010014	10.475				
15067-26-2	Acenaphthene-d10	1187256	14.328				
1517-22-2	Phenanthrene-d10	2113627	17.069				
1719-03-5	Chrysene-d12	1274656	21.304				
1520-96-3	Perylene-d12	1447481	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000101-81-5	Diphenylmethane	91	J			15.54	
001689-64-1	9H-Fluoren-9-ol	130	J			15.669	
007320-53-8	Dibenzofuran, 4-methyl-	180	J			15.816	
001430-97-3	9H-Fluorene, 2-methyl-	150	J			16.381	
000486-25-9	9H-Fluoren-9-one	190	J			16.728	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	120	J			16.804	
000234-41-3	Naphtho[1,2-b]thiophene	240	J			16.886	
000260-94-6	Acridine	88	J			17.263	
002531-84-2	Phenanthrene, 2-methyl-	400	J			17.945	
000613-12-7	Anthracene, 2-methyl-	540	J			17.992	
000610-48-0	Anthracene, 1-methyl-	210	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	640	J			18.139	
000832-64-4	Phenanthrene, 4-methyl-	190	J			18.175	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	250	J			18.451	
000084-65-1	9,10-Anthracenedione	220	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	180	J			18.869	
000605-02-7	Naphthalene, 1-phenyl-	120	J			18.933	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W9	SDG No.:	BN052324
Lab Sample ID:	P2547-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031635.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.01	
002381-21-7	Pyrene, 1-methyl-	110	J			19.816	
000243-17-4	11H-Benzo[b]fluorene	120	J			19.992	
003442-78-2	Pyrene, 2-methyl-	98	J			20.145	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	90	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	110	J			20.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	97	J			21.051	
000192-97-2	Benzo[e]pyrene	270	J			23.545	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	86	J			23.739	
000198-55-0	Perylene	930	J			23.968	
	unknown-01	530	J			24.304	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q1	SDG No.:	BN052324
Lab Sample ID:	P2547-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031636.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.8	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.4	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.8	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.8	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.4	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.4	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.4	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.4	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q1	SDG No.:	BN052324
Lab Sample ID:	P2547-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031636.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.4	210	ug/Kg
208-96-8	Acenaphthylene	56	J	56	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.8	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.8	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.4	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.4	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.4	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.8	400	ug/Kg
85-01-8	Phenanthrene	220		64	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.4	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.4	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.4	210	ug/Kg
206-44-0	Fluoranthene	460		54	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q1	SDG No.:	BN052324
Lab Sample ID:	P2547-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031636.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	420		56	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	240		47	51.4	210	ug/Kg
218-01-9	Chrysene	300		56	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66	J	52	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		58	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	70	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	280		69	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	54	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	56	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.487		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.167		20-120		40	SPK: -40
4165-62-2	Phenol-d5	20.195		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.177		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.178		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.278		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	18.834		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.205		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.851		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.396		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.781		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.957		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.012		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	19.678		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q1	SDG No.:	BN052324
Lab Sample ID:	P2547-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031636.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.993		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	21.239		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	19.52		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.386		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	448182	7.693				
1146-65-2	Naphthalene-d8	1885281	10.475				
15067-26-2	Acenaphthene-d10	1050488	14.328				
1517-22-2	Phenanthrene-d10	1714293	17.069				
1719-03-5	Chrysene-d12	1195379	21.298				
1520-96-3	Perylene-d12	1420331	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.458	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.216	
000057-10-3	n-Hexadecanoic acid	150	J			17.975	
000832-64-4	Phenanthrene, 4-methyl-	86	J			18.139	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.739	
000192-97-2	Benzo[e]pyrene	180	J			23.963	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W8	SDG No.:	BN052324
Lab Sample ID:	P2547-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031637.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	53	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	74	U	74	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	53	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53	210	ug/Kg
78-59-1	Isophorone	45	U	45	53	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	53	210	ug/Kg
91-20-3	Naphthalene	41	U	41	53	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	53	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W8	SDG No.:	BN052324
Lab Sample ID:	P2547-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031637.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	53	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	53	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	110	J	62	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	70	J	50	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	53	210	ug/Kg
86-73-7	Fluorene	100	J	72	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	1600		66	53	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53	210	ug/Kg
120-12-7	Anthracene	280		59	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53	210	ug/Kg
86-74-8	Carbazole	180	J	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	53	210	ug/Kg
206-44-0	Fluoranthene	1900		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W8	SDG No.:	BN052324
Lab Sample ID:	P2547-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031637.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		57	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	930		49	53	210	ug/Kg
218-01-9	Chrysene	990		57	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	54	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		60	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	400		72	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	870		71	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		56	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	65	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	580		57	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.132		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	7.047	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	11.171		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.5		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.005		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	8.767		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	11.818		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.997		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.116		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.075		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.9		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.525		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.35		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	13.468		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W8	SDG No.:	BN052324
Lab Sample ID:	P2547-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031637.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.447		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	13.918		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	12.725		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.45		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	465297	7.693				
1146-65-2	Naphthalene-d8	1851932	10.475				
15067-26-2	Acenaphthene-d10	958377	14.328				
1517-22-2	Phenanthrene-d10	1557156	17.069				
1719-03-5	Chrysene-d12	1228426	21.304				
1520-96-3	Perylene-d12	1482077	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	84	J			16.728	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.945	
000613-12-7	Anthracene, 2-methyl-	270	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			18.14	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro	100	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	120	J			18.451	
000084-65-1	9,10-Anthracenedione	130	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.004	
002381-21-7	Pyrene, 1-methyl-	86	J			19.828	
000243-17-4	11H-Benzo[b]fluorene	84	J			19.992	
003353-12-6	Pyrene, 4-methyl-	86	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	88	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	98	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	100	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.051	
000192-97-2	Benzo[e]pyrene	150	J			23.539	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5W8	SDG No.:	BN052324
Lab Sample ID:	P2547-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031637.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	550	J			23.963	
000205-82-3	Benzo[j]fluoranthene	310	J			24.304	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q2	SDG No.:	BN052324
Lab Sample ID:	P2547-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031638.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97.1	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.1	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97.1	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50	200	ug/Kg
78-59-1	Isophorone	42	U	42	50	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q2	SDG No.:	BN052324
Lab Sample ID:	P2547-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031638.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97.1	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.1	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50	200	ug/Kg
86-73-7	Fluorene	68	U	68	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.1	390	ug/Kg
85-01-8	Phenanthrene	82	J	62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	55	U	55	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	150	J	53	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q2	SDG No.:	BN052324
Lab Sample ID:	P2547-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031638.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	98	J	46	50	200	ug/Kg
218-01-9	Chrysene	120	J	54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	J	53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77	J	54	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.509		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	17.708		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.769		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.071		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.268		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.122		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.254		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.194		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.746		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.156		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.585		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.682		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.772		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	20.189		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Q2	SDG No.:	BN052324
Lab Sample ID:	P2547-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031638.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.579		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	21.051		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	18.484		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.921		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	445479	7.687				
1146-65-2	Naphthalene-d8	1770389	10.475				
15067-26-2	Acenaphthene-d10	918118	14.328				
1517-22-2	Phenanthrene-d10	1622484	17.069				
1719-03-5	Chrysene-d12	1384777	21.298				
1520-96-3	Perylene-d12	1679744	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	95	J			3.458	
000057-10-3	n-Hexadecanoic acid	120	J			17.975	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X3	SDG No.:	BN052324
Lab Sample ID:	P2547-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031639.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.7	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	75	U	75	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.7	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.7	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.7	210	ug/Kg
78-59-1	Isophorone	46	U	46	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.7	210	ug/Kg
91-20-3	Naphthalene	48	J	42	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.7	210	ug/Kg
105-60-2	Caprolactam	51	U	51	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X3	SDG No.:	BN052324
Lab Sample ID:	P2547-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031639.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.7	210	ug/Kg
208-96-8	Acenaphthylene	58	J	58	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	150	J	63	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	91	J	51	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.7	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.7	210	ug/Kg
86-73-7	Fluorene	130	J	73	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.7	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	2100		67	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.7	210	ug/Kg
120-12-7	Anthracene	400		59	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.7	210	ug/Kg
86-74-8	Carbazole	240	J	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.7	210	ug/Kg
206-44-0	Fluoranthene	2900		57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X3	SDG No.:	BN052324
Lab Sample ID:	P2547-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031639.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		58	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	J	54	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1400		49	53.7	210	ug/Kg
218-01-9	Chrysene	1500		58	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260		54	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		61	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	620		73	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		72	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	790		57	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250		66	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		58	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.909		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	10.819		20-120		27	SPK: -40
4165-62-2	Phenol-d5	17.65		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.984		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.848		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.311		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.507		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.14		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.874		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.949		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.78		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.582		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.755		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	19.914		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X3	SDG No.:	BN052324
Lab Sample ID:	P2547-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031639.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.234		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	20.176		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.623		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.555		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	437267	7.687				
1146-65-2	Naphthalene-d8	1822232	10.469				
15067-26-2	Acenaphthene-d10	1032608	14.328				
1517-22-2	Phenanthrene-d10	1744255	17.069				
1719-03-5	Chrysene-d12	1134674	21.304				
1520-96-3	Perylene-d12	1347044	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
034723-82-5	2H-Pyran, 2-(bromomethyl)tetrahydr	94	J			3.711	
000486-25-9	9H-Fluoren-9-one	120	J			16.728	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	88	J			16.828	
000234-41-3	Naphtho[1,2-b]thiophene	110	J			16.892	
002531-84-2	Phenanthrene, 2-methyl-	250	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	430	J			17.992	
000832-64-4	Phenanthrene, 4-methyl-	100	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			18.14	
000613-12-7	Anthracene, 2-methyl-	130	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	160	J			18.451	
000084-65-1	9,10-Anthracenedione	170	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	160	J			19.004	
000243-17-4	11H-Benzo[b]fluorene	95	J			19.816	
000238-84-6	11H-Benzo[a]fluorene	100	J			19.992	
002381-21-7	Pyrene, 1-methyl-	95	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.739	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X3	SDG No.:	BN052324
Lab Sample ID:	P2547-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031639.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			20.91	
	unknown-01	150	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.051	
000192-97-2	Benzo[e]pyrene	240	J			23.545	
000198-55-0	Perylene	920	J			23.969	
	unknown-02	510	J			24.304	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N9	SDG No.:	BN052324
Lab Sample ID:	P2547-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031640.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9	91	ug/Kg
100-52-7	Benzaldehyde	65	U	65	110	450	ug/Kg
110-86-1	Pyridine	16	U	16	220	450	ug/Kg
108-95-2	Phenol	61	U	61	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	110	450	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	57.9	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	110	450	ug/Kg
98-86-2	Acetophenone	110	J	80	110	450	ug/Kg
106-44-5	4-Methylphenol	56	U	56	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	50	U	50	57.9	230	ug/Kg
67-72-1	Hexachloroethane	22	U	22	57.9	230	ug/Kg
98-95-3	Nitrobenzene	37	U	37	57.9	230	ug/Kg
78-59-1	Isophorone	49	U	49	57.9	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	57.9	230	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	57.9	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	57.9	230	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	57.9	230	ug/Kg
91-20-3	Naphthalene	74	J	45	57.9	230	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	57.9	450	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	57.9	230	ug/Kg
105-60-2	Caprolactam	54	U	54	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	57.9	230	ug/Kg
90-12-0	1-Methylnaphthalene	48	J	26	57.9	230	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	57.9	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	68	U	68	57.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	57.9	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N9	SDG No.:	BN052324
Lab Sample ID:	P2547-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031640.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	57.9	230	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	60	57.9	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	57.9	230	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	57.9	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	57.9	230	ug/Kg
208-96-8	Acenaphthylene	130	J	63	57.9	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	450	ug/Kg
83-32-9	Acenaphthene	200	J	68	57.9	230	ug/Kg
51-28-5	2,4-Dinitrophenol	44	U	44	110	450	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	450	ug/Kg
132-64-9	Dibenzofuran	140	J	54	57.9	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	57.9	230	ug/Kg
84-66-2	Diethylphthalate	56	U	56	57.9	230	ug/Kg
86-73-7	Fluorene	210	J	79	57.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	57.9	230	ug/Kg
100-01-6	4-Nitroaniline	22	U	22	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	53	U	53	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	57.9	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	57.9	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	57.9	230	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	57.9	230	ug/Kg
1912-24-9	Atrazine	15	U	15	110	450	ug/Kg
87-86-5	Pentachlorophenol	52	U	52	110	450	ug/Kg
85-01-8	Phenanthrene	2800		72	57.9	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	57.9	230	ug/Kg
120-12-7	Anthracene	600		64	57.9	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.6	U	7.6	57.9	230	ug/Kg
86-74-8	Carbazole	390	J	83	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	89	J	78	57.9	230	ug/Kg
206-44-0	Fluoranthene	3200		61	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N9	SDG No.:	BN052324
Lab Sample ID:	P2547-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031640.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2700		63	57.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	170	J	59	57.9	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	1900		53	57.9	230	ug/Kg
218-01-9	Chrysene	1900		63	57.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		59	57.9	230	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		65	57.9	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	760		79	57.9	230	ug/Kg
50-32-8	Benzo(a)pyrene	1700		78	57.9	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990		61	57.9	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310		71	57.9	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		63	57.9	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	57.9	230	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	10.807		20-120		27	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.777		15-120		35	SPK: -8
4165-62-2	Phenol-d5	16.714		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.669		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.479		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.039		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.259		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.447		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.942		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.637		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.984		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.643		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.127		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	18.893		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N9	SDG No.:	BN052324
Lab Sample ID:	P2547-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031640.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.474		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	20.179		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	17.528		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.305		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	396635	7.693				
1146-65-2	Naphthalene-d8	1509463	10.475				
15067-26-2	Acenaphthene-d10	808425	14.328				
1517-22-2	Phenanthrene-d10	1524440	17.069				
1719-03-5	Chrysene-d12	1400198	21.304				
1520-96-3	Perylene-d12	1724853	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.458	
	unknown-01	100	J			3.711	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.21	
000486-25-9	9H-Fluoren-9-one	180	J			16.728	
000132-65-0	Dibenzothiophene	150	J			16.892	
002531-84-2	Phenanthrene, 2-methyl-	350	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	640	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	560	J			18.139	
000832-64-4	Phenanthrene, 4-methyl-	180	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	240	J			18.451	
000084-65-1	9,10-Anthracenedione	300	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	220	J			18.869	
	unknown-02	130	J			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	280	J			19.01	
000243-17-4	11H-Benzo[b]fluorene	100	J			19.992	
002381-21-7	Pyrene, 1-methyl-	110	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.739	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N9	SDG No.:	BN052324
Lab Sample ID:	P2547-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031640.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			20.91	
000195-19-7	Benzo[c]phenanthrene	98	J			20.951	
	unknown-03	190	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	150	J			21.051	
002541-69-7	Benz[a]anthracene, 7-methyl-	91	J			22.045	
	(DEL) Alkane: Straight-Chain23.433	170	J			23.433	
000192-97-2	Benzo[e]pyrene	340	J			23.545	
000198-55-0	Perylene	1100	J			23.968	
	unknown-04	580	J			24.304	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X4	SDG No.:	BN052324
Lab Sample ID:	P2547-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031641.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.8	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.8	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	52.8	210	ug/Kg
78-59-1	Isophorone	45	U	45	52.8	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.8	210	ug/Kg
91-20-3	Naphthalene	120	J	41	52.8	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	52.8	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.8	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	52.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	76	J	24	52.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	82	J	46	52.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X4	SDG No.:	BN052324
Lab Sample ID:	P2547-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031641.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.8	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.8	210	ug/Kg
208-96-8	Acenaphthylene	150	J	57	52.8	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	350		62	52.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	280		50	52.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.8	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.8	210	ug/Kg
86-73-7	Fluorene	370		72	52.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	52.8	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.8	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.8	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	4000	E	66	52.8	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.8	210	ug/Kg
120-12-7	Anthracene	970		58	52.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	52.8	210	ug/Kg
86-74-8	Carbazole	540		76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.8	210	ug/Kg
206-44-0	Fluoranthene	3900	E	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X4	SDG No.:	BN052324
Lab Sample ID:	P2547-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031641.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400	E	57	52.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	210		53	52.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	2300		48	52.8	210	ug/Kg
218-01-9	Chrysene	2400		57	52.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	53	52.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		60	52.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	820		72	52.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	2000		71	52.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		56	52.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370		65	52.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		57	52.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	52.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.507		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	12.184		20-120		30	SPK: -40
4165-62-2	Phenol-d5	17.665		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.963		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.969		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.377		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.589		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.45		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.525		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.83		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.902		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.311		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.007		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.969		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X4	SDG No.:	BN052324
Lab Sample ID:	P2547-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031641.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.658		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	23.045		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	19.361		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.324		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	394914	7.693				
1146-65-2	Naphthalene-d8	1479626	10.475				
15067-26-2	Acenaphthene-d10	775956	14.328				
1517-22-2	Phenanthrene-d10	1515588	17.075				
1719-03-5	Chrysene-d12	1382827	21.304				
1520-96-3	Perylene-d12	1771704	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
007320-53-8	Dibenzofuran, 4-methyl-	130	J			15.669	
000229-95-8	6H-Dibenzo[b,d]-pyran	160	J			15.816	
001430-97-3	9H-Fluorene, 2-methyl-	160	J			16.381	
129812-23-3	Naphtho[2,1-b]furan, 1,2-dimethyl-	86	J			16.61	
000486-25-9	9H-Fluoren-9-one	250	J			16.728	
000132-65-0	Dibenzothiophene	230	J			16.892	
000260-94-6	Acridine	100	J			17.263	
002531-84-2	Phenanthrene, 2-methyl-	550	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	740	J			17.992	
000613-12-7	Anthracene, 2-methyl-	240	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	820	J			18.139	
000779-02-2	Anthracene, 9-methyl-	290	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	350	J			18.451	
000084-65-1	9,10-Anthracenedione	340	J			18.492	
052251-71-5	Anthracene, 2-ethyl-	150	J			18.698	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			18.745	
003674-66-6	Phenanthrene, 2,5-dimethyl-	340	J			18.869	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X4	SDG No.:	BN052324
Lab Sample ID:	P2547-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031641.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006232-48-0	Acephenanthrylene, 4,5-dihydro-	240	J			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	340	J			19.01	
002381-21-7	Pyrene, 1-methyl-	110	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	120	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			20.91	
	unknown-01	150	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.051	
002498-76-2	Benz[a]anthracene, 2-methyl-	110	J			21.974	
000192-97-2	Benzo[e]pyrene	370	J			23.551	
000198-55-0	Perylene	1200	J			23.974	
	unknown-02	740	J			24.316	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X5	SDG No.:	BN052324
Lab Sample ID:	P2547-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031642.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.9	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.9	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.9	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.9	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.9	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.9	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.9	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.9	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.9	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	49.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.9	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.9	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	49.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	49.9	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	49.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	49.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X5	SDG No.:	BN052324
Lab Sample ID:	P2547-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031642.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.9	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	49.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	49.9	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.9	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.9	390	ug/Kg
83-32-9	Acenaphthene	66	J	59	49.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	96.9	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.9	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.9	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.9	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.9	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.9	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	96.9	390	ug/Kg
85-01-8	Phenanthrene	820		62	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.9	200	ug/Kg
120-12-7	Anthracene	180	J	55	49.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.9	200	ug/Kg
86-74-8	Carbazole	83	J	72	96.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.9	200	ug/Kg
206-44-0	Fluoranthene	950		53	96.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X5	SDG No.:	BN052324
Lab Sample ID:	P2547-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031642.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	830		54	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	560		46	49.9	200	ug/Kg
218-01-9	Chrysene	550		54	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	96.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		56	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		68	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	520		67	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		53	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	J	61	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	360		54	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.699		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	17.198		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.42		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.416		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.868		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	16.501		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	21.344		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.378		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.376		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.367		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.923		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.141		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.473		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.185		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X5	SDG No.:	BN052324
Lab Sample ID:	P2547-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031642.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.561		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.791		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	19.258		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.59		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	424844	7.693				
1146-65-2	Naphthalene-d8	1613778	10.475				
15067-26-2	Acenaphthene-d10	813325	14.328				
1517-22-2	Phenanthrene-d10	1395793	17.069				
1719-03-5	Chrysene-d12	1253510	21.304				
1520-96-3	Perylene-d12	1561052	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	120	J			17.945	
000613-12-7	Anthracene, 2-methyl-	210	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.139	
000192-65-4	1,2:4,5-Dibenzopyrene	150	J			20.739	
027208-37-3	Cyclopenta[cd]pyrene	120	J			20.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			21.045	
000192-97-2	Benzo[e]pyrene	270	J			23.968	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X1	SDG No.:	BN052324
Lab Sample ID:	P2547-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031643.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.4	74	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	92	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.4	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	92	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	92	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.4	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.4	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.4	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.4	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.4	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X1	SDG No.:	BN052324
Lab Sample ID:	P2547-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031643.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.4	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.4	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.4	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.4	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	92	370	ug/Kg
85-01-8	Phenanthrene	230		59	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.4	190	ug/Kg
120-12-7	Anthracene	52	U	52	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.4	190	ug/Kg
86-74-8	Carbazole	68	U	68	92	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.4	190	ug/Kg
206-44-0	Fluoranthene	210		50	92	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X1	SDG No.:	BN052324
Lab Sample ID:	P2547-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031643.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	51	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92	370	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	43	47.4	190	ug/Kg
218-01-9	Chrysene	100	J	51	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	54	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	89	J	64	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	J	51	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.751		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	19.151		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.877		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.378		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.362		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.973		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.483		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.907		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.794		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.955		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.213		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.345		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.362		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	22.699		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X1	SDG No.:	BN052324
Lab Sample ID:	P2547-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031643.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.777		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	23.778		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	20.688		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.661		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	496080	7.693				
1146-65-2	Naphthalene-d8	1983920	10.475				
15067-26-2	Acenaphthene-d10	1025421	14.328				
1517-22-2	Phenanthrene-d10	1644008	17.075				
1719-03-5	Chrysene-d12	1370633	21.304				
1520-96-3	Perylene-d12	1688227	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	90	J			17.975	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X2	SDG No.:	BN052324
Lab Sample ID:	P2547-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031644.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.9	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.9	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.9	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.9	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	48.9	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.9	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.9	200	ug/Kg
78-59-1	Isophorone	41	U	41	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.9	200	ug/Kg
91-20-3	Naphthalene	38	U	38	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.9	200	ug/Kg
105-60-2	Caprolactam	46	U	46	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X2	SDG No.:	BN052324
Lab Sample ID:	P2547-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031644.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.9	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.9	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.9	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.9	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.9	200	ug/Kg
86-73-7	Fluorene	67	U	67	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	48.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.9	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.9	200	ug/Kg
120-12-7	Anthracene	54	U	54	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.9	200	ug/Kg
86-74-8	Carbazole	70	U	70	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	48.9	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	94.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X2	SDG No.:	BN052324
Lab Sample ID:	P2547-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031644.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.9	200	ug/Kg
218-01-9	Chrysene	53	U	53	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.965		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.195		20-120		35	SPK: -40
4165-62-2	Phenol-d5	18.062		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.784		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.275		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.687		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.093		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.118		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.941		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.218		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.033		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.994		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.593		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.996		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X2	SDG No.:	BN052324
Lab Sample ID:	P2547-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031644.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.576		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	20.911		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	17.87		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.538		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	461783	7.693				
1146-65-2	Naphthalene-d8	1829234	10.475				
15067-26-2	Acenaphthene-d10	947854	14.328				
1517-22-2	Phenanthrene-d10	1474593	17.075				
1719-03-5	Chrysene-d12	1214748	21.298				
1520-96-3	Perylene-d12	1569564	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P0	SDG No.:	BN052324
Lab Sample ID:	P2547-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031645.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.1	92	ug/Kg
100-52-7	Benzaldehyde	66	U	66	110	460	ug/Kg
110-86-1	Pyridine	17	U	17	230	460	ug/Kg
108-95-2	Phenol	62	U	62	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	110	460	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	58.7	230	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	110	460	ug/Kg
98-86-2	Acetophenone	81	U	81	110	460	ug/Kg
106-44-5	4-Methylphenol	57	U	57	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	58.7	230	ug/Kg
67-72-1	Hexachloroethane	22	U	22	58.7	230	ug/Kg
98-95-3	Nitrobenzene	37	U	37	58.7	230	ug/Kg
78-59-1	Isophorone	50	U	50	58.7	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	58.7	230	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	58.7	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	58.7	230	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	58.7	230	ug/Kg
91-20-3	Naphthalene	80	J	46	58.7	230	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	58.7	460	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	58.7	230	ug/Kg
105-60-2	Caprolactam	55	U	55	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	58.7	230	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	58.7	230	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	58.7	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	58.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	58.7	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P0	SDG No.:	BN052324
Lab Sample ID:	P2547-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031645.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	U	64	58.7	230	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	58.7	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	58.7	230	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	58.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	58.7	230	ug/Kg
208-96-8	Acenaphthylene	110	J	64	58.7	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	460	ug/Kg
83-32-9	Acenaphthene	170	J	69	58.7	230	ug/Kg
51-28-5	2,4-Dinitrophenol	44	U	44	110	460	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	460	ug/Kg
132-64-9	Dibenzofuran	120	J	55	58.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	58.7	230	ug/Kg
84-66-2	Diethylphthalate	57	U	57	58.7	230	ug/Kg
86-73-7	Fluorene	190	J	80	58.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	58.7	230	ug/Kg
100-01-6	4-Nitroaniline	22	U	22	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	62	58.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	58.7	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	58.7	230	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	58.7	230	ug/Kg
1912-24-9	Atrazine	15	U	15	110	460	ug/Kg
87-86-5	Pentachlorophenol	52	U	52	110	460	ug/Kg
85-01-8	Phenanthrene	2800		73	58.7	230	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	58.7	230	ug/Kg
120-12-7	Anthracene	620		65	58.7	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.7	U	7.7	58.7	230	ug/Kg
86-74-8	Carbazole	290	J	84	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	58.7	230	ug/Kg
206-44-0	Fluoranthene	3300		62	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P0	SDG No.:	BN052324
Lab Sample ID:	P2547-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031645.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000		64	58.7	230	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	59	58.7	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	2000		54	58.7	230	ug/Kg
218-01-9	Chrysene	2000		64	58.7	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	89	J	59	58.7	230	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		66	58.7	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	730		80	58.7	230	ug/Kg
50-32-8	Benzo(a)pyrene	1700		79	58.7	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		62	58.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		72	58.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		64	58.7	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	58.7	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.437		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	3.78	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.386		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.035		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.037		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	5.811		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	7.694		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.312		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.501		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.274		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.981		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.582		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.844		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.357		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P0	SDG No.:	BN052324
Lab Sample ID:	P2547-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031645.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.588	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	8.974		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	8.156		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.49		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	486431	7.693				
1146-65-2	Naphthalene-d8	1933704	10.475				
15067-26-2	Acenaphthene-d10	972876	14.328				
1517-22-2	Phenanthrene-d10	1526620	17.075				
1719-03-5	Chrysene-d12	1230425	21.304				
1520-96-3	Perylene-d12	1527929	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			3.711	
006344-67-8	9H-Fluoren-3-ol	100	J			15.669	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	130	J			15.816	
001430-97-3	9H-Fluorene, 2-methyl-	120	J			16.381	
000486-25-9	9H-Fluoren-9-one	160	J			16.728	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	130	J			16.804	
000132-65-0	Dibenzothiophene	160	J			16.892	
002531-84-2	Phenanthrene, 2-methyl-	410	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	560	J			17.992	
000613-12-7	Anthracene, 2-methyl-	190	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	670	J			18.139	
000832-64-4	Phenanthrene, 4-methyl-	260	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	300	J			18.451	
000084-65-1	9,10-Anthracenedione	210	J			18.486	
052251-71-5	Anthracene, 2-ethyl-	110	J			18.698	
000483-87-4	Phenanthrene, 1,7-dimethyl-	100	J			18.745	
003674-66-6	Phenanthrene, 2,5-dimethyl-	290	J			18.869	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P0	SDG No.:	BN052324
Lab Sample ID:	P2547-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031645.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	210	J			18.928	
005737-13-3	Cyclopenta(def)phenanthrene	290	J			19.01	
002381-21-7	Pyrene, 1-methyl-	130	J			19.828	
000243-17-4	11H-Benzo[b]fluorene	120	J			19.992	
003353-12-6	Pyrene, 4-methyl-	120	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	130	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	150	J			21.051	
002541-69-7	Benz[a]anthracene, 7-methyl-	110	J			21.98	
000192-97-2	Benzo[e]pyrene	300	J			23.551	
000198-55-0	Perylene	1000	J			23.968	
	unknown-03	580	J			24.31	
E966796	Total Alkanes	64	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P9	SDG No.:	BN052324
Lab Sample ID:	P2547-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031646.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.5	86	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	430	ug/Kg
110-86-1	Pyridine	15	U	15	210	430	ug/Kg
108-95-2	Phenol	58	U	58	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	430	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	54.8	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	110	430	ug/Kg
98-86-2	Acetophenone	76	U	76	110	430	ug/Kg
106-44-5	4-Methylphenol	53	U	53	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	54.8	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	54.8	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	54.8	220	ug/Kg
78-59-1	Isophorone	46	U	46	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	54.8	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	54.8	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P9	SDG No.:	BN052324
Lab Sample ID:	P2547-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031646.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	54.8	220	ug/Kg
208-96-8	Acenaphthylene	59	U	59	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	54.8	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	54.8	220	ug/Kg
86-73-7	Fluorene	75	U	75	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	54.8	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	49	U	49	110	430	ug/Kg
85-01-8	Phenanthrene	86	J	68	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	54.8	220	ug/Kg
120-12-7	Anthracene	61	U	61	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.2	U	7.2	54.8	220	ug/Kg
86-74-8	Carbazole	79	U	79	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	54.8	220	ug/Kg
206-44-0	Fluoranthene	190	J	58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P9	SDG No.:	BN052324
Lab Sample ID:	P2547-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031646.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	59	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	50	54.8	220	ug/Kg
218-01-9	Chrysene	140	J	59	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	J	55	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	62	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	74	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77	J	58	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92	J	59	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.443		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	4.076	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	8.625		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.006		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.002		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	5.938		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	8.567		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.186		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.077		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.611		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.767		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.306		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.245		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	9.376		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5P9	SDG No.:	BN052324
Lab Sample ID:	P2547-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031646.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.202		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	9.327		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	9.345		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.678		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	514814	7.687				
1146-65-2	Naphthalene-d8	2182769	10.469				
15067-26-2	Acenaphthene-d10	1228360	14.328				
1517-22-2	Phenanthrene-d10	2012551	17.069				
1719-03-5	Chrysene-d12	1287274	21.298				
1520-96-3	Perylene-d12	1579951	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	130	J			17.369	
005385-75-1	Dibenz(a,e)aceanthrylene	110	J			20.739	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X0	SDG No.:	BN052324
Lab Sample ID:	P2547-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031647.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	98.2	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.6	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.2	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98.2	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.6	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.6	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.6	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.6	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.6	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X0	SDG No.:	BN052324
Lab Sample ID:	P2547-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031647.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.6	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.2	390	ug/Kg
83-32-9	Acenaphthene	60	U	60	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.2	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.6	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.6	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.2	390	ug/Kg
85-01-8	Phenanthrene	260		63	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.6	200	ug/Kg
120-12-7	Anthracene	57	J	56	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.6	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.6	200	ug/Kg
206-44-0	Fluoranthene	280		54	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X0	SDG No.:	BN052324
Lab Sample ID:	P2547-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031647.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		55	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	46	50.6	200	ug/Kg
218-01-9	Chrysene	140	J	55	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	57	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	68	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	J	54	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	J	55	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.558		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	17.707		20-120		44	SPK: -40
4165-62-2	Phenol-d5	20.558		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.822		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.165		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.042		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.261		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.22		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.685		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.651		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.504		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.314		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.247		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.285		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X0	SDG No.:	BN052324
Lab Sample ID:	P2547-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031647.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.771		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.91		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	19.107		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.918		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	525856	7.687				
1146-65-2	Naphthalene-d8	2083324	10.469				
15067-26-2	Acenaphthene-d10	1057618	14.328				
1517-22-2	Phenanthrene-d10	1757190	17.069				
1719-03-5	Chrysene-d12	1509347	21.298				
1520-96-3	Perylene-d12	1854426	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.975	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SLCS044	SDG No.:	BN052324
Lab Sample ID:	PB161044BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031648.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1200		48	82.5	330	ug/Kg
110-86-1	Pyridine	1000		12	170	330	ug/Kg
108-95-2	Phenol	1100		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		29	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		27	42.5	170	ug/Kg
78-59-1	Isophorone	980		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	910		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		34	42.5	170	ug/Kg
91-20-3	Naphthalene	990		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	960		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		26	42.5	170	ug/Kg
105-60-2	Caprolactam	980		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	990		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	990		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	790		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SLCS044	SDG No.:	BN052324
Lab Sample ID:	PB161044BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031648.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	840		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	960		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		41	42.5	170	ug/Kg
86-73-7	Fluorene	1000		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1000		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		36	42.5	170	ug/Kg
120-12-7	Anthracene	1000		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1100		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	900		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SLCS044	SDG No.:	BN052324
Lab Sample ID:	PB161044BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031648.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	930		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		39	42.5	170	ug/Kg
218-01-9	Chrysene	1100		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	910		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	920		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.186		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	31.477		20-120		79	SPK: -40
4165-62-2	Phenol-d5	32.611		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.854		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.646		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	31.971		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	32.633		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.108		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.619		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.571		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.886		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.143		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.78		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	30.849		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SLCS044	SDG No.:	BN052324
Lab Sample ID:	PB161044BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031648.D	1	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.805		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.209		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	28.545		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.548		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	490559	7.693				
1146-65-2	Naphthalene-d8	2006644	10.475				
15067-26-2	Acenaphthene-d10	1037410	14.328				
1517-22-2	Phenanthrene-d10	1668247	17.075				
1719-03-5	Chrysene-d12	1279632	21.304				
1520-96-3	Perylene-d12	1587529	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHA12								
P2483-01	BHA12	Water	1-(2-Thienyl)-1-propanone	*	2.700	J		
P2483-01	BHA12	Water	Phenol, 2-methoxy-	*	2.800	J		
P2483-01	BHA12	Water	Total Alkanes	*	0.000	2	5.2	ug/L
			Total Tics :			5.50		
			Total Concentration:			5.50		
Client ID : BHA13								
P2483-02	BHA13	Water	1-(2-Thienyl)-1-propanone	*	3.600	J		
P2483-02	BHA13	Water	13-Docosenamide, (Z)-	*	2.300	J		
P2483-02	BHA13	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.200	J		
P2483-02	BHA13	Water	Phenol, 2-methoxy-	*	3.800	J		
P2483-02	BHA13	Water	Vanillin	*	2.100	J		
P2483-02	BHA13	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
			Total Tics :			15.00		
			Total Concentration:			15.00		
Client ID : BH5N9								
P2547-01	BH5N9	Solid	(DEL) Alkane: Straight-Chain23.4	*	170.000	J		
P2547-01	BH5N9	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2547-01	BH5N9	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
P2547-01	BH5N9	Solid	11H-Benzo[b]fluorene	*	100.000	J		
P2547-01	BH5N9	Solid	4H-Cyclopenta[def]phenanthrene	*	560.000	J		
P2547-01	BH5N9	Solid	7H-Benz[de]anthracen-7-one	*	150.000	J		
P2547-01	BH5N9	Solid	9,10-Anthracenedione	*	300.000	J		
P2547-01	BH5N9	Solid	9H-Fluoren-9-one	*	180.000	J		
P2547-01	BH5N9	Solid	Benz[a]anthracene, 7-methyl-	*	91.000	J		
P2547-01	BH5N9	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	140.000	J		
P2547-01	BH5N9	Solid	Benzo[c]phenanthrene	*	98.000	J		
P2547-01	BH5N9	Solid	Benzo[e]pyrene	*	340.000	J		
P2547-01	BH5N9	Solid	Cyclopenta(def)phenanthrenone	*	280.000	J		
P2547-01	BH5N9	Solid	Dibenzothiophene	*	150.000	J		
P2547-01	BH5N9	Solid	Naphthalene, 2-phenyl-	*	240.000	J		
P2547-01	BH5N9	Solid	Perylene	*	1,100.000	J		
P2547-01	BH5N9	Solid	Phenanthrene, 1-methyl-	*	640.000	J		
P2547-01	BH5N9	Solid	Phenanthrene, 2,5-dimethyl-	*	220.000	J		
P2547-01	BH5N9	Solid	Phenanthrene, 2-methyl-	*	350.000	J		
P2547-01	BH5N9	Solid	Phenanthrene, 4-methyl-	*	180.000	J		
P2547-01	BH5N9	Solid	Propylene Glycol	*	150.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-01	BH5N9	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2547-01	BH5N9	Solid	unknown-01	*	100.000	J		
P2547-01	BH5N9	Solid	unknown-02	*	130.000	J		
P2547-01	BH5N9	Solid	unknown-03	*	190.000	J		
P2547-01	BH5N9	Solid	unknown-04	*	580.000	J		
P2547-01	BH5N9	Solid	Total Alkanes	*	170.000		63	230 ug/Kg
Total Tics :				6,959.00				
P2547-01	BH5N9	Solid	1-Methylnaphthalene		48.000	J	26	230 ug/Kg
P2547-01	BH5N9	Solid	Acenaphthene		200.000	J	68	230 ug/Kg
P2547-01	BH5N9	Solid	Acenaphthylene		130.000	J	63	230 ug/Kg
P2547-01	BH5N9	Solid	Acetophenone		110.000	J	80	450 ug/Kg
P2547-01	BH5N9	Solid	Anthracene		600.000		64	230 ug/Kg
P2547-01	BH5N9	Solid	Benzo(a)anthracene		1,900.000		53	230 ug/Kg
P2547-01	BH5N9	Solid	Benzo(a)pyrene		1,700.000		78	230 ug/Kg
P2547-01	BH5N9	Solid	Benzo(b)fluoranthene		2,300.000		65	230 ug/Kg
P2547-01	BH5N9	Solid	Benzo(g,h,i)perylene		1,100.000		63	230 ug/Kg
P2547-01	BH5N9	Solid	Benzo(k)fluoranthene		760.000		79	230 ug/Kg
P2547-01	BH5N9	Solid	Bis(2-ethylhexyl)phthalate		230.000		59	230 ug/Kg
P2547-01	BH5N9	Solid	Butylbenzylphthalate		170.000	J	59	230 ug/Kg
P2547-01	BH5N9	Solid	Carbazole		390.000	J	83	450 ug/Kg
P2547-01	BH5N9	Solid	Chrysene		1,900.000		63	230 ug/Kg
P2547-01	BH5N9	Solid	Di-n-butylphthalate		89.000	J	78	230 ug/Kg
P2547-01	BH5N9	Solid	Dibenzo(a,h)anthracene		310.000		71	230 ug/Kg
P2547-01	BH5N9	Solid	Dibenzofuran		140.000	J	54	230 ug/Kg
P2547-01	BH5N9	Solid	Fluoranthene		3,200.000		61	230 ug/Kg
P2547-01	BH5N9	Solid	Fluorene		210.000	J	79	230 ug/Kg
P2547-01	BH5N9	Solid	Indeno(1,2,3-cd)pyrene		990.000		61	230 ug/Kg
P2547-01	BH5N9	Solid	Naphthalene		74.000	J	45	230 ug/Kg
P2547-01	BH5N9	Solid	Phenanthrene		2,800.000		72	230 ug/Kg
P2547-01	BH5N9	Solid	Pyrene		2,700.000		63	230 ug/Kg
Total Svoc :				22,051.00				
Total Concentration:				29,010.00				

Client ID : BH5P0

P2547-02	BH5P0	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	130.000	J		
P2547-02	BH5P0	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P2547-02	BH5P0	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2547-02	BH5P0	Solid	4-(4-Methylphenyl)benzaldehyde	*	130.000	J		
P2547-02	BH5P0	Solid	4H-Cyclopenta[def]phenanthrene	*	670.000	J		
P2547-02	BH5P0	Solid	7H-Benz[de]anthracen-7-one	*	150.000	J		
P2547-02	BH5P0	Solid	9,10-Anthracenedione	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-02	BH5P0	Solid	9H-Fluoren-3-ol	*	100.000	J		
P2547-02	BH5P0	Solid	9H-Fluoren-9-one	*	160.000	J		
P2547-02	BH5P0	Solid	9H-Fluorene, 2-methyl-	*	120.000	J		
P2547-02	BH5P0	Solid	Anthracene, 2-ethyl-	*	110.000	J		
P2547-02	BH5P0	Solid	Anthracene, 2-methyl-	*	190.000	J		
P2547-02	BH5P0	Solid	Benz[a]anthracene, 7-methyl-	*	110.000	J		
P2547-02	BH5P0	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	140.000	J		
P2547-02	BH5P0	Solid	Benzo[e]pyrene	*	300.000	J		
P2547-02	BH5P0	Solid	Cyclopenta(def)phenanthrene	*	290.000	J		
P2547-02	BH5P0	Solid	Cyclopenta[cd]pyrene	*	130.000	J		
P2547-02	BH5P0	Solid	Dibenzothiophene	*	160.000	J		
P2547-02	BH5P0	Solid	Naphthalene, 2-phenyl-	*	300.000	J		
P2547-02	BH5P0	Solid	Perylene	*	1,000.000	J		
P2547-02	BH5P0	Solid	Phenanthrene, 1,7-dimethyl-	*	100.000	J		
P2547-02	BH5P0	Solid	Phenanthrene, 1-methyl-	*	560.000	J		
P2547-02	BH5P0	Solid	Phenanthrene, 2,5-dimethyl-	*	290.000	J		
P2547-02	BH5P0	Solid	Phenanthrene, 2-methyl-	*	410.000	J		
P2547-02	BH5P0	Solid	Phenanthrene, 4-methyl-	*	260.000	J		
P2547-02	BH5P0	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2547-02	BH5P0	Solid	Pyrene, 4-methyl-	*	120.000	J		
P2547-02	BH5P0	Solid	unknown-01	*	150.000	J		
P2547-02	BH5P0	Solid	unknown-02	*	210.000	J		
P2547-02	BH5P0	Solid	unknown-03	*	580.000	J		
P2547-02	BH5P0	Solid	Total Alkanes	*	0.000	J	64	230 ug/Kg
Total Tics :					7,450.00			
P2547-02	BH5P0	Solid	Acenaphthene		170.000	J	69	230 ug/Kg
P2547-02	BH5P0	Solid	Acenaphthylene		110.000	J	64	230 ug/Kg
P2547-02	BH5P0	Solid	Anthracene		620.000		65	230 ug/Kg
P2547-02	BH5P0	Solid	Benzo(a)anthracene		2,000.000		54	230 ug/Kg
P2547-02	BH5P0	Solid	Benzo(a)pyrene		1,700.000		79	230 ug/Kg
P2547-02	BH5P0	Solid	Benzo(b)fluoranthene		2,100.000		66	230 ug/Kg
P2547-02	BH5P0	Solid	Benzo(g,h,i)perylene		1,100.000		64	230 ug/Kg
P2547-02	BH5P0	Solid	Benzo(k)fluoranthene		730.000		80	230 ug/Kg
P2547-02	BH5P0	Solid	Bis(2-ethylhexyl)phthalate		89.000	J	59	230 ug/Kg
P2547-02	BH5P0	Solid	Carbazole		290.000	J	84	460 ug/Kg
P2547-02	BH5P0	Solid	Chrysene		2,000.000		64	230 ug/Kg
P2547-02	BH5P0	Solid	Dibenzo(a,h)anthracene		300.000		72	230 ug/Kg
P2547-02	BH5P0	Solid	Dibenzofuran		120.000	J	55	230 ug/Kg
P2547-02	BH5P0	Solid	Fluoranthene		3,300.000		62	230 ug/Kg
P2547-02	BH5P0	Solid	Fluorene		190.000	J	80	230 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-02	BH5P0	Solid	Indeno(1,2,3-cd)pyrene	940.000		62	230	ug/Kg
P2547-02	BH5P0	Solid	Naphthalene	80.000	J	46	230	ug/Kg
P2547-02	BH5P0	Solid	Phenanthrene	2,800.000		73	230	ug/Kg
P2547-02	BH5P0	Solid	Pyrene	3,000.000		64	230	ug/Kg
Total Svoc :				21,639.00				
Total Concentration:				29,089.00				
Client ID : BH5P2								
P2547-04	BH5P2	Solid	1-Phenoxypropan-2-ol	*	94.000	J		
P2547-04	BH5P2	Solid	n-Hexadecanoic acid	*	88.000	J		
P2547-04	BH5P2	Solid	Propylene Glycol	*	170.000	J		
P2547-04	BH5P2	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				352.00				
P2547-04	BH5P2	Solid	Fluoranthene		94.000	J 54	200	ug/Kg
P2547-04	BH5P2	Solid	Pyrene		84.000	J 55	200	ug/Kg
Total Svoc :				178.00				
Total Concentration:				530.00				
Client ID : BH5P3								
P2547-05	BH5P3	Solid	(DEL) Alkane: Cyclic20.998	*	93.000	J		
P2547-05	BH5P3	Solid	1-Phenoxypropan-2-ol	*	94.000	J		
P2547-05	BH5P3	Solid	n-Hexadecanoic acid	*	120.000	J		
P2547-05	BH5P3	Solid	Propylene Glycol	*	140.000	J		
P2547-05	BH5P3	Solid	Total Alkanes	*	93.000	54	200	ug/Kg
Total Tics :				540.00				
P2547-05	BH5P3	Solid	Benzo(a)anthracene		97.000	J 46	200	ug/Kg
P2547-05	BH5P3	Solid	Benzo(a)pyrene		120.000	J 67	200	ug/Kg
P2547-05	BH5P3	Solid	Benzo(b)fluoranthene		130.000	J 56	200	ug/Kg
P2547-05	BH5P3	Solid	Benzo(g,h,i)perylene		87.000	J 54	200	ug/Kg
P2547-05	BH5P3	Solid	Chrysene		93.000	J 54	200	ug/Kg
P2547-05	BH5P3	Solid	Fluoranthene		190.000	J 53	200	ug/Kg
P2547-05	BH5P3	Solid	Indeno(1,2,3-cd)pyrene		70.000	J 53	200	ug/Kg
P2547-05	BH5P3	Solid	Phenanthrene		87.000	J 62	200	ug/Kg
P2547-05	BH5P3	Solid	Pyrene		170.000	J 54	200	ug/Kg
Total Svoc :				1,044.00				
Total Concentration:				1,584.00				
Client ID : BH5P9								
P2547-06	BH5P9	Solid	1,2-Benzenedicarboxylic acid, bis	*	130.000	J		
P2547-06	BH5P9	Solid	Dibenz(a,e)aceanthrylene	*	110.000	J		
P2547-06	BH5P9	Solid	Total Alkanes	*	0.000	59	220	ug/Kg
Total Tics :				240.00				

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2547-06	BH5P9	Solid	Benzo(a)anthracene	110.000	J	50	220	ug/Kg	
P2547-06	BH5P9	Solid	Benzo(a)pyrene	120.000	J	74	220	ug/Kg	
P2547-06	BH5P9	Solid	Benzo(b)fluoranthene	170.000	J	62	220	ug/Kg	
P2547-06	BH5P9	Solid	Benzo(g,h,i)perylene	92.000	J	59	220	ug/Kg	
P2547-06	BH5P9	Solid	Bis(2-ethylhexyl)phthalate	59.000	J	55	220	ug/Kg	
P2547-06	BH5P9	Solid	Chrysene	140.000	J	59	220	ug/Kg	
P2547-06	BH5P9	Solid	Fluoranthene	190.000	J	58	220	ug/Kg	
P2547-06	BH5P9	Solid	Indeno(1,2,3-cd)pyrene	77.000	J	58	220	ug/Kg	
P2547-06	BH5P9	Solid	Phenanthrene	86.000	J	68	220	ug/Kg	
P2547-06	BH5P9	Solid	Pyrene	170.000	J	59	220	ug/Kg	
Total Svoc :				1,214.00					
Total Concentration:				1,454.00					
Client ID : BH5Q1									
P2547-08	BH5Q1	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P2547-08	BH5Q1	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J			
P2547-08	BH5Q1	Solid	Benzo[e]pyrene	*	180.000	J			
P2547-08	BH5Q1	Solid	n-Hexadecanoic acid	*	150.000	J			
P2547-08	BH5Q1	Solid	Phenanthrene, 4-methyl-	*	86.000	J			
P2547-08	BH5Q1	Solid	Propylene Glycol	*	160.000	J			
P2547-08	BH5Q1	Solid	Total Alkanes	*	0.000	56	210	ug/Kg	
Total Tics :				786.00					
P2547-08	BH5Q1	Solid	Acenaphthylene		56.000	J	56	210	ug/Kg
P2547-08	BH5Q1	Solid	Benzo(a)anthracene		240.000		47	210	ug/Kg
P2547-08	BH5Q1	Solid	Benzo(a)pyrene		280.000		69	210	ug/Kg
P2547-08	BH5Q1	Solid	Benzo(b)fluoranthene		370.000		58	210	ug/Kg
P2547-08	BH5Q1	Solid	Benzo(g,h,i)perylene		200.000	J	56	210	ug/Kg
P2547-08	BH5Q1	Solid	Benzo(k)fluoranthene		110.000	J	70	210	ug/Kg
P2547-08	BH5Q1	Solid	Bis(2-ethylhexyl)phthalate		66.000	J	52	210	ug/Kg
P2547-08	BH5Q1	Solid	Chrysene		300.000		56	210	ug/Kg
P2547-08	BH5Q1	Solid	Fluoranthene		460.000		54	210	ug/Kg
P2547-08	BH5Q1	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	54	210	ug/Kg
P2547-08	BH5Q1	Solid	Phenanthrene		220.000		64	210	ug/Kg
P2547-08	BH5Q1	Solid	Pyrene		420.000		56	210	ug/Kg
Total Svoc :				2,882.00					
Total Concentration:				3,668.00					
Client ID : BH5Q2									
P2547-09	BH5Q2	Solid	n-Hexadecanoic acid	*	120.000	J			
P2547-09	BH5Q2	Solid	Propylene Glycol	*	95.000	J			
P2547-09	BH5Q2	Solid	Total Alkanes	*	0.000	54	200	ug/Kg	
Total Tics :				215.00					

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-09	BH5Q2	Solid	Benzo(a)anthracene	98.000	J	46	200	ug/Kg
P2547-09	BH5Q2	Solid	Benzo(a)pyrene	110.000	J	67	200	ug/Kg
P2547-09	BH5Q2	Solid	Benzo(b)fluoranthene	140.000	J	56	200	ug/Kg
P2547-09	BH5Q2	Solid	Benzo(g,h,i)perylene	77.000	J	54	200	ug/Kg
P2547-09	BH5Q2	Solid	Chrysene	120.000	J	54	200	ug/Kg
P2547-09	BH5Q2	Solid	Fluoranthene	150.000	J	53	200	ug/Kg
P2547-09	BH5Q2	Solid	Indeno(1,2,3-cd)pyrene	64.000	J	53	200	ug/Kg
P2547-09	BH5Q2	Solid	Phenanthrene	82.000	J	62	200	ug/Kg
P2547-09	BH5Q2	Solid	Pyrene	160.000	J	54	200	ug/Kg
Total Svoc :				1,001.00				
Total Concentration:				1,216.00				
Client ID : BH5Q3								
P2547-10	BH5Q3	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				0.00				
P2547-10	BH5Q3	Solid	Fluoranthene	65.000	J	53	200	ug/Kg
P2547-10	BH5Q3	Solid	Pyrene	68.000	J	54	200	ug/Kg
Total Svoc :				133.00				
Total Concentration:				133.00				
Client ID : BH5W8								
P2547-11	BH5W8	Solid	11H-Benzo[a]fluoren-11-one	*	88.000	J		
P2547-11	BH5W8	Solid	11H-Benzo[b]fluorene	*	84.000	J		
P2547-11	BH5W8	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	100.000	J		
P2547-11	BH5W8	Solid	4H-Cyclopenta[def]phenanthrene	*	280.000	J		
P2547-11	BH5W8	Solid	7H-Benz[de]anthracen-7-one	*	110.000	J		
P2547-11	BH5W8	Solid	9,10-Anthracenedione	*	130.000	J		
P2547-11	BH5W8	Solid	9H-Fluoren-9-one	*	84.000	J		
P2547-11	BH5W8	Solid	Anthracene, 2-methyl-	*	270.000	J		
P2547-11	BH5W8	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	98.000	J		
P2547-11	BH5W8	Solid	Benzo[e]pyrene	*	150.000	J		
P2547-11	BH5W8	Solid	Benzo[j]fluoranthene	*	310.000	J		
P2547-11	BH5W8	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2547-11	BH5W8	Solid	Cyclopenta[cd]pyrene	*	100.000	J		
P2547-11	BH5W8	Solid	Naphthalene, 2-phenyl-	*	120.000	J		
P2547-11	BH5W8	Solid	Perylene	*	550.000	J		
P2547-11	BH5W8	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		
P2547-11	BH5W8	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2547-11	BH5W8	Solid	Pyrene, 1-methyl-	*	86.000	J		
P2547-11	BH5W8	Solid	Pyrene, 4-methyl-	*	86.000	J		
P2547-11	BH5W8	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				3,056.00				

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-11	BH5W8	Solid	Acenaphthene	110.000	J	62	210	ug/Kg
P2547-11	BH5W8	Solid	Anthracene	280.000		59	210	ug/Kg
P2547-11	BH5W8	Solid	Benzo(a)anthracene	930.000		49	210	ug/Kg
P2547-11	BH5W8	Solid	Benzo(a)pyrene	870.000		71	210	ug/Kg
P2547-11	BH5W8	Solid	Benzo(b)fluoranthene	1,200.000		60	210	ug/Kg
P2547-11	BH5W8	Solid	Benzo(g,h,i)perylene	580.000		57	210	ug/Kg
P2547-11	BH5W8	Solid	Benzo(k)fluoranthene	400.000		72	210	ug/Kg
P2547-11	BH5W8	Solid	Bis(2-ethylhexyl)phthalate	180.000	J	54	210	ug/Kg
P2547-11	BH5W8	Solid	Carbazole	180.000	J	76	410	ug/Kg
P2547-11	BH5W8	Solid	Chrysene	990.000		57	210	ug/Kg
P2547-11	BH5W8	Solid	Dibenzo(a,h)anthracene	160.000	J	65	210	ug/Kg
P2547-11	BH5W8	Solid	Dibenzofuran	70.000	J	50	210	ug/Kg
P2547-11	BH5W8	Solid	Fluoranthene	1,900.000		56	210	ug/Kg
P2547-11	BH5W8	Solid	Fluorene	100.000	J	72	210	ug/Kg
P2547-11	BH5W8	Solid	Indeno(1,2,3-cd)pyrene	510.000		56	210	ug/Kg
P2547-11	BH5W8	Solid	Phenanthrene	1,600.000		66	210	ug/Kg
P2547-11	BH5W8	Solid	Pyrene	1,600.000		57	210	ug/Kg

Total Svoc : 11,660.00

Total Concentration: 14,716.00

Client ID : BH5W9

P2547-12	BH5W9	Solid	11H-Benzo[a]fluoren-11-one	*	97.000	J		
P2547-12	BH5W9	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2547-12	BH5W9	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	120.000	J		
P2547-12	BH5W9	Solid	4H-Cyclopenta[def]phenanthrene	*	640.000	J		
P2547-12	BH5W9	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	250.000	J		
P2547-12	BH5W9	Solid	9,10-Anthracenedione	*	220.000	J		
P2547-12	BH5W9	Solid	9H-Fluoren-9-ol	*	130.000	J		
P2547-12	BH5W9	Solid	9H-Fluoren-9-one	*	190.000	J		
P2547-12	BH5W9	Solid	9H-Fluorene, 2-methyl-	*	150.000	J		
P2547-12	BH5W9	Solid	Acridine	*	88.000	J		
P2547-12	BH5W9	Solid	Anthracene, 1-methyl-	*	210.000	J		
P2547-12	BH5W9	Solid	Anthracene, 2-methyl-	*	540.000	J		
P2547-12	BH5W9	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	90.000	J		
P2547-12	BH5W9	Solid	Benzo[e]pyrene	*	270.000	J		
P2547-12	BH5W9	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P2547-12	BH5W9	Solid	Cyclopenta[cd]pyrene	*	110.000	J		
P2547-12	BH5W9	Solid	Dibenzofuran, 4-methyl-	*	180.000	J		
P2547-12	BH5W9	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	86.000	J		
P2547-12	BH5W9	Solid	Diphenylmethane	*	91.000	J		
P2547-12	BH5W9	Solid	Naphthalene, 1-phenyl-	*	120.000	J		

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SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-12	BH5W9	Solid	Naphtho[1,2-b]thiophene	*	240.000	J		
P2547-12	BH5W9	Solid	Perylene	*	930.000	J		
P2547-12	BH5W9	Solid	Phenanthrene, 2,5-dimethyl-	*	180.000	J		
P2547-12	BH5W9	Solid	Phenanthrene, 2-methyl-	*	400.000	J		
P2547-12	BH5W9	Solid	Phenanthrene, 4-methyl-	*	190.000	J		
P2547-12	BH5W9	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2547-12	BH5W9	Solid	Pyrene, 2-methyl-	*	98.000	J		
P2547-12	BH5W9	Solid	unknown-01	*	530.000	J		
P2547-12	BH5W9	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				6,560.00				
P2547-12	BH5W9	Solid	1-Methylnaphthalene		95.000	J	22	ug/Kg
P2547-12	BH5W9	Solid	2-Methylnaphthalene		120.000	J	44	ug/Kg
P2547-12	BH5W9	Solid	Acenaphthene		570.000		59	ug/Kg
P2547-12	BH5W9	Solid	Anthracene		1,100.000		55	ug/Kg
P2547-12	BH5W9	Solid	Benzo(a)anthracene		1,800.000		46	ug/Kg
P2547-12	BH5W9	Solid	Benzo(a)pyrene		1,600.000		67	ug/Kg
P2547-12	BH5W9	Solid	Benzo(b)fluoranthene		1,900.000		57	ug/Kg
P2547-12	BH5W9	Solid	Benzo(g,h,i)perylene		990.000		54	ug/Kg
P2547-12	BH5W9	Solid	Benzo(k)fluoranthene		710.000		68	ug/Kg
P2547-12	BH5W9	Solid	Carbazole		580.000		72	ug/Kg
P2547-12	BH5W9	Solid	Chrysene		1,700.000		54	ug/Kg
P2547-12	BH5W9	Solid	Dibenzo(a,h)anthracene		250.000		61	ug/Kg
P2547-12	BH5W9	Solid	Dibenzofuran		370.000		47	ug/Kg
P2547-12	BH5W9	Solid	Fluoranthene		4,100.000	E	53	ug/Kg
P2547-12	BH5W9	Solid	Fluorene		490.000		68	ug/Kg
P2547-12	BH5W9	Solid	Indeno(1,2,3-cd)pyrene		870.000		53	ug/Kg
P2547-12	BH5W9	Solid	Naphthalene		280.000		39	ug/Kg
P2547-12	BH5W9	Solid	Phenanthrene		4,100.000	E	62	ug/Kg
P2547-12	BH5W9	Solid	Pyrene		3,400.000	E	54	ug/Kg
Total Svoc :				25,025.00				
Total Concentration:				31,585.00				
Client ID : BH5X0								
P2547-13	BH5X0	Solid	n-Hexadecanoic acid	*	120.000	J		
P2547-13	BH5X0	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				120.00				
P2547-13	BH5X0	Solid	Anthracene		57.000	J	56	ug/Kg
P2547-13	BH5X0	Solid	Benzo(a)anthracene		150.000	J	46	ug/Kg
P2547-13	BH5X0	Solid	Benzo(a)pyrene		120.000	J	68	ug/Kg
P2547-13	BH5X0	Solid	Benzo(b)fluoranthene		150.000	J	57	ug/Kg
P2547-13	BH5X0	Solid	Benzo(g,h,i)perylene		72.000	J	55	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-13	BH5X0	Solid	Chrysene	140.000	J	55	200	ug/Kg
P2547-13	BH5X0	Solid	Fluoranthene	280.000		54	200	ug/Kg
P2547-13	BH5X0	Solid	Indeno(1,2,3-cd)pyrene	63.000	J	54	200	ug/Kg
P2547-13	BH5X0	Solid	Phenanthrene	260.000		63	200	ug/Kg
P2547-13	BH5X0	Solid	Pyrene	240.000		55	200	ug/Kg
Total Svoc :				1,532.00				
Total Concentration:				1,652.00				
Client ID : BH5X1								
P2547-14	BH5X1	Solid	n-Hexadecanoic acid	*	90.000	J		
P2547-14	BH5X1	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :				90.00				
P2547-14	BH5X1	Solid	Benzo(a)anthracene		100.000	J	43	190
P2547-14	BH5X1	Solid	Benzo(a)pyrene		89.000	J	64	190
P2547-14	BH5X1	Solid	Benzo(b)fluoranthene		120.000	J	54	190
P2547-14	BH5X1	Solid	Benzo(g,h,i)perylene		59.000	J	51	190
P2547-14	BH5X1	Solid	Chrysene		100.000	J	51	190
P2547-14	BH5X1	Solid	Fluoranthene		210.000		50	190
P2547-14	BH5X1	Solid	Phenanthrene		230.000		59	190
P2547-14	BH5X1	Solid	Pyrene		170.000	J	51	190
Total Svoc :				1,078.00				
Total Concentration:				1,168.00				
Client ID : BH5X2								
P2547-15	BH5X2	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : BH5X3								
P2547-16	BH5X3	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2547-16	BH5X3	Solid	11H-Benzo[a]fluorene	*	100.000	J		
P2547-16	BH5X3	Solid	11H-Benzo[b]fluorene	*	95.000	J		
P2547-16	BH5X3	Solid	2H-Pyran, 2-(bromomethyl)tetrahy	*	94.000	J		
P2547-16	BH5X3	Solid	4H-Cyclopenta[def]phenanthrene	*	390.000	J		
P2547-16	BH5X3	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2547-16	BH5X3	Solid	9,10-Anthracenedione	*	170.000	J		
P2547-16	BH5X3	Solid	9H-Fluoren-9-one	*	120.000	J		
P2547-16	BH5X3	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	88.000	J		
P2547-16	BH5X3	Solid	Anthracene, 2-methyl-	*	130.000	J		
P2547-16	BH5X3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P2547-16	BH5X3	Solid	Benzo[e]pyrene	*	240.000	J		
P2547-16	BH5X3	Solid	Cyclopenta(def)phenanthrenone	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-16	BH5X3	Solid	Naphthalene, 2-phenyl-	*	160.000	J		
P2547-16	BH5X3	Solid	Naphtho[1,2-b]thiophene	*	110.000	J		
P2547-16	BH5X3	Solid	Perylene	*	920.000	J		
P2547-16	BH5X3	Solid	Phenanthrene, 1-methyl-	*	430.000	J		
P2547-16	BH5X3	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P2547-16	BH5X3	Solid	Phenanthrene, 2-methyl-	*	250.000	J		
P2547-16	BH5X3	Solid	Phenanthrene, 4-methyl-	*	100.000	J		
P2547-16	BH5X3	Solid	Pyrene, 1-methyl-	*	95.000	J		
P2547-16	BH5X3	Solid	unknown-01	*	150.000	J		
P2547-16	BH5X3	Solid	unknown-02	*	510.000	J		
P2547-16	BH5X3	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :					4,812.00			
P2547-16	BH5X3	Solid	Acenaphthene		150.000	J 63	210	ug/Kg
P2547-16	BH5X3	Solid	Acenaphthylene		58.000	J 58	210	ug/Kg
P2547-16	BH5X3	Solid	Anthracene		400.000	59	210	ug/Kg
P2547-16	BH5X3	Solid	Benzo(a)anthracene		1,400.000	49	210	ug/Kg
P2547-16	BH5X3	Solid	Benzo(a)pyrene		1,300.000	72	210	ug/Kg
P2547-16	BH5X3	Solid	Benzo(b)fluoranthene		1,800.000	61	210	ug/Kg
P2547-16	BH5X3	Solid	Benzo(g,h,i)perylene		950.000	58	210	ug/Kg
P2547-16	BH5X3	Solid	Benzo(k)fluoranthene		620.000	73	210	ug/Kg
P2547-16	BH5X3	Solid	Bis(2-ethylhexyl)phthalate		260.000	54	210	ug/Kg
P2547-16	BH5X3	Solid	Butylbenzylphthalate		100.000	J 54	210	ug/Kg
P2547-16	BH5X3	Solid	Carbazole		240.000	J 77	420	ug/Kg
P2547-16	BH5X3	Solid	Chrysene		1,500.000	58	210	ug/Kg
P2547-16	BH5X3	Solid	Dibenzo(a,h)anthracene		250.000	66	210	ug/Kg
P2547-16	BH5X3	Solid	Dibenzofuran		91.000	J 51	210	ug/Kg
P2547-16	BH5X3	Solid	Fluoranthene		2,900.000	57	210	ug/Kg
P2547-16	BH5X3	Solid	Fluorene		130.000	J 73	210	ug/Kg
P2547-16	BH5X3	Solid	Indeno(1,2,3-cd)pyrene		790.000	57	210	ug/Kg
P2547-16	BH5X3	Solid	Naphthalene		48.000	J 42	210	ug/Kg
P2547-16	BH5X3	Solid	Phenanthrene		2,100.000	67	210	ug/Kg
P2547-16	BH5X3	Solid	Pyrene		2,300.000	58	210	ug/Kg
Total Svoc :					17,387.00			
Total Concentration:					22,199.00			
Client ID : BH5X4								
P2547-17	BH5X4	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P2547-17	BH5X4	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2547-17	BH5X4	Solid	4H-Cyclopenta[def]phenanthrene	*	820.000	J		
P2547-17	BH5X4	Solid	6H-Dibenzo[b,d]-pyran	*	160.000	J		
P2547-17	BH5X4	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		

Hit Summary Sheet
SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-17	BH5X4	Solid	9,10-Anthracenedione	*	340.000	J		
P2547-17	BH5X4	Solid	9H-Fluorene-9-one	*	250.000	J		
P2547-17	BH5X4	Solid	9H-Fluorene, 2-methyl-	*	160.000	J		
P2547-17	BH5X4	Solid	Acenaphthylene, 4,5-dihydro-	*	240.000	J		
P2547-17	BH5X4	Solid	Acridine	*	100.000	J		
P2547-17	BH5X4	Solid	Anthracene, 2-ethyl-	*	150.000	J		
P2547-17	BH5X4	Solid	Anthracene, 2-methyl-	*	240.000	J		
P2547-17	BH5X4	Solid	Anthracene, 9-methyl-	*	290.000	J		
P2547-17	BH5X4	Solid	Benz[a]anthracene, 2-methyl-	*	110.000	J		
P2547-17	BH5X4	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P2547-17	BH5X4	Solid	Benzo[e]pyrene	*	370.000	J		
P2547-17	BH5X4	Solid	Cyclopenta(def)phenanthrene	*	340.000	J		
P2547-17	BH5X4	Solid	Dibenzofuran, 4-methyl-	*	130.000	J		
P2547-17	BH5X4	Solid	Dibenzothiophene	*	230.000	J		
P2547-17	BH5X4	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2547-17	BH5X4	Solid	Naphthalene, 2-phenyl-	*	350.000	J		
P2547-17	BH5X4	Solid	Naphtho[2,1-b]furan, 1,2-dimethyl-	*	86.000	J		
P2547-17	BH5X4	Solid	Perylene	*	1,200.000	J		
P2547-17	BH5X4	Solid	Phenanthrene, 1-methyl-	*	740.000	J		
P2547-17	BH5X4	Solid	Phenanthrene, 2,5-dimethyl-	*	340.000	J		
P2547-17	BH5X4	Solid	Phenanthrene, 2-methyl-	*	550.000	J		
P2547-17	BH5X4	Solid	Phenanthrene, 3,6-dimethyl-	*	110.000	J		
P2547-17	BH5X4	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2547-17	BH5X4	Solid	unknown-01	*	150.000	J		
P2547-17	BH5X4	Solid	unknown-02	*	740.000	J		
P2547-17	BH5X4	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :					8,916.00			
P2547-17	BH5X4	Solid	1-Methylnaphthalene		76.000	J	24	ug/Kg
P2547-17	BH5X4	Solid	2-Methylnaphthalene		82.000	J	46	ug/Kg
P2547-17	BH5X4	Solid	Acenaphthene		350.000		62	ug/Kg
P2547-17	BH5X4	Solid	Acenaphthylene		150.000	J	57	ug/Kg
P2547-17	BH5X4	Solid	Anthracene		970.000		58	ug/Kg
P2547-17	BH5X4	Solid	Benzo(a)anthracene		2,300.000		48	ug/Kg
P2547-17	BH5X4	Solid	Benzo(a)pyrene		2,000.000		71	ug/Kg
P2547-17	BH5X4	Solid	Benzo(b)fluoranthene		2,700.000		60	ug/Kg
P2547-17	BH5X4	Solid	Benzo(g,h,i)perylene		1,300.000		57	ug/Kg
P2547-17	BH5X4	Solid	Benzo(k)fluoranthene		820.000		72	ug/Kg
P2547-17	BH5X4	Solid	Bis(2-ethylhexyl)phthalate		190.000	J	53	ug/Kg
P2547-17	BH5X4	Solid	Butylbenzylphthalate		210.000		53	ug/Kg
P2547-17	BH5X4	Solid	Carbazole		540.000		76	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-17	BH5X4	Solid	Chrysene	2,400.000		57	210	ug/Kg
P2547-17	BH5X4	Solid	Dibenzo(a,h)anthracene	370.000		65	210	ug/Kg
P2547-17	BH5X4	Solid	Dibenzofuran	280.000		50	210	ug/Kg
P2547-17	BH5X4	Solid	Fluoranthene	3,900.000	E	56	210	ug/Kg
P2547-17	BH5X4	Solid	Fluorene	370.000		72	210	ug/Kg
P2547-17	BH5X4	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		56	210	ug/Kg
P2547-17	BH5X4	Solid	Naphthalene	120.000	J	41	210	ug/Kg
P2547-17	BH5X4	Solid	Phenanthrene	4,000.000	E	66	210	ug/Kg
P2547-17	BH5X4	Solid	Pyrene	3,400.000	E	57	210	ug/Kg

Total Svoc :

27,728.00

Total Concentration:

36,644.00

Client ID : BH5X5

P2547-18	BH5X5	Solid	1,2:4,5-Dibenzopyrene	*	150.000	J		
P2547-18	BH5X5	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2547-18	BH5X5	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P2547-18	BH5X5	Solid	Anthracene, 2-methyl-	*	210.000	J		
P2547-18	BH5X5	Solid	Benzo[e]pyrene	*	270.000	J		
P2547-18	BH5X5	Solid	Cyclopenta[cd]pyrene	*	120.000	J		
P2547-18	BH5X5	Solid	Phenanthrene, 2-methyl-	*	120.000	J		
P2547-18	BH5X5	Solid	Total Alkanes	*	0.000	54	200	ug/Kg

Total Tics :

1,150.00

P2547-18	BH5X5	Solid	Acenaphthene		66.000	J 59	200	ug/Kg
P2547-18	BH5X5	Solid	Anthracene		180.000	J 55	200	ug/Kg
P2547-18	BH5X5	Solid	Benzo(a)anthracene		560.000	46	200	ug/Kg
P2547-18	BH5X5	Solid	Benzo(a)pyrene		520.000	67	200	ug/Kg
P2547-18	BH5X5	Solid	Benzo(b)fluoranthene		660.000	56	200	ug/Kg
P2547-18	BH5X5	Solid	Benzo(g,h,i)perylene		360.000	54	200	ug/Kg
P2547-18	BH5X5	Solid	Benzo(k)fluoranthene		230.000	68	200	ug/Kg
P2547-18	BH5X5	Solid	Carbazole	J	83.000	72	390	ug/Kg
P2547-18	BH5X5	Solid	Chrysene		550.000	54	200	ug/Kg
P2547-18	BH5X5	Solid	Dibenzo(a,h)anthracene	J	92.000	61	200	ug/Kg
P2547-18	BH5X5	Solid	Fluoranthene		950.000	53	200	ug/Kg
P2547-18	BH5X5	Solid	Indeno(1,2,3-cd)pyrene		300.000	53	200	ug/Kg
P2547-18	BH5X5	Solid	Phenanthrene		820.000	62	200	ug/Kg
P2547-18	BH5X5	Solid	Pyrene		830.000	54	200	ug/Kg

Total Svoc :

6,201.00

Total Concentration:

7,351.00

Client ID : SP6523

SP6523	SP6523	Water	Total Alkanes	*	0.000	1900	5000	ug/L
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BN052324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP6523	SP6523	Water	Total Alkanes	*	0.000	1900	5000	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052124 SAS No.: BN052124 SDG No.: BN052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 11:53 : _____

LAB FILE ID:		RRFAL1 = BN031595.D		RRFAL2 = BN031596.D		RRFAL3 = BN031597.D		
		RRFAL4 = BN031598.D		RRFAL5 = BN031599.D		RRFAL6 = BN031600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.543	0.530	0.553	0.523	0.511		0.532	3.1
Benzaldehyde		0.985	0.937	0.961	0.782	0.551	0.843	21.5
Pyridine		1.460	1.443	1.443	1.339	1.244	1.386	6.7
Hexachloroethane	0.550	0.573	0.574	0.584	0.561		0.568	2.3
Nitrobenzene	0.368	0.373	0.374	0.379	0.361		0.371	1.8
Isophorone	0.682	0.736	0.679	0.737	0.693		0.705	4.1
2-Nitrophenol	0.140	0.154	0.161	0.176	0.174		0.161	9.1
2,4-Dimethylphenol	0.327	0.325	0.327	0.339	0.327		0.329	1.6
Bis(2-Chloroethoxy)methane	0.452	0.466	0.438	0.455	0.436		0.450	2.8
2,4-Dichlorophenol	0.272	0.280	0.278	0.290	0.281		0.280	2.3
Naphthalene	1.059	1.052	1.035	1.031	0.970		1.029	3.4
4-Chloroaniline		0.430	0.396	0.418	0.391	0.352	0.398	7.5
Hexachlorobutadiene	0.170	0.173	0.175	0.172	0.168		0.171	1.6
Phenol		1.729	1.737	1.787	1.726	1.481	1.692	7.1
Caprolactam		0.094	0.077	0.096	0.095	0.092	0.091	8.3
4-Chloro-3-methylphenol	0.285	0.317	0.288	0.322	0.309		0.304	5.5
1-Methylnaphthalene	0.673	0.707	0.642	0.684	0.627		0.667	4.8
2-Methylnaphthalene	0.680	0.709	0.658	0.685	0.636		0.674	4.1
Hexachlorocyclopentadiene		0.307	0.337	0.349	0.355	0.348	0.339	5.6
2,4,6-Trichlorophenol	0.313	0.338	0.347	0.377	0.374		0.350	7.6
2,4,5-Trichlorophenol	0.344	0.373	0.379	0.400	0.397		0.379	6.0
1,1-Biphenyl	1.440	1.462	1.475	1.465	1.367		1.442	3.0
2-Chloronaphthalene	1.148	1.164	1.164	1.142	1.090		1.142	2.7
2-Nitroaniline	0.252	0.295	0.295	0.328	0.324		0.299	10.3
Bis(2-Chloroethyl)ether		1.460	1.442	1.481	1.400	1.238	1.404	6.9
Dimethylphthalate	1.233	1.361	1.239	1.329	1.269		1.286	4.4
2,6-Dinitrotoluene	0.194	0.244	0.231	0.277	0.279		0.245	14.3
Acenaphthylene	1.810	1.914	1.853	1.837	1.704		1.824	4.2
3-Nitroaniline		0.270	0.266	0.294	0.283	0.278	0.278	3.9
Acenaphthene	1.195	1.221	1.171	1.196	1.125		1.182	3.1
2,4-Dinitrophenol		0.083	0.081	0.115	0.132	0.152	0.113	27.4
4-Nitrophenol		0.184	0.167	0.181	0.178	0.189	0.180	4.5
Dibenzofuran	1.588	1.645	1.579	1.596	1.478		1.577	3.9
2,4-Dinitrotoluene	0.262	0.339	0.313	0.364	0.364		0.328	13.0
Diethylphthalate	1.119	1.316	1.153	1.265	1.206		1.212	6.6
2-Chlorophenol	1.282	1.343	1.334	1.374	1.320		1.330	2.5

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052124 SAS No.: BN052124 SDG No.: BN052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 11:53 _____

LAB FILE ID:		RRFAL1 = BN031595.D		RRFAL2 = BN031596.D		RRFAL3 = BN031597.D		
		RRFAL4 = BN031598.D		RRFAL5 = BN031599.D		RRFAL6 = BN031600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.265	1.347	1.254	1.234	1.078		1.236	7.9
4-Chlorophenyl-phenylether	0.604	0.649	0.592	0.600	0.529		0.595	7.2
4-Nitroaniline		0.261	0.245	0.261	0.236	0.245	0.250	4.4
4,6-Dinitro-2-methylphenol		0.077	0.078	0.101	0.108	0.110	0.095	16.9
N-Nitrosodiphenylamine	0.587	0.600	0.588	0.595	0.575		0.589	1.6
1,2,4,5-Tetrachlorobenzene	0.571	0.554	0.578	0.571	0.556		0.566	1.9
4-Bromophenyl-phenylether	0.190	0.201	0.203	0.208	0.206		0.201	3.4
Hexachlorobenzene	0.212	0.223	0.213	0.222	0.216		0.217	2.3
Atrazine		0.177	0.149	0.168	0.154	0.144	0.158	8.7
Pentachlorophenol		0.113	0.115	0.129	0.133	0.130	0.124	7.8
2-Methylphenol		1.279	1.259	1.360	1.318	1.123	1.268	7.1
Phenanthrene	1.030	1.055	1.035	1.010	0.945		1.015	4.2
Pentachlorobenzene	0.293	0.277	0.291	0.296	0.282		0.288	2.8
Anthracene	1.020	1.071	1.033	1.028	0.939		1.018	4.8
1,2,3,4-Tetrachlorobenzene	0.326	0.282	0.341	0.323	0.317		0.318	6.8
Carbazole		0.919	0.913	0.883	0.826	0.804	0.869	5.9
Di-n-butylphthalate	0.935	1.032	1.007	1.018	0.996		0.998	3.7
Fluoranthene	1.436	1.759	1.350	1.661	1.548		1.551	10.7
Pyrene	1.564	1.766	1.458	1.642	1.520		1.590	7.5
Butylbenzylphthalate	0.463	0.546	0.489	0.596	0.605		0.540	11.7
3,3-Dichlorobenzidine		0.379	0.388	0.412	0.399	0.344	0.385	6.7
2,2-oxybis (1-Chloropropane)		1.726	1.664	1.727	1.611	1.381	1.622	8.8
Benzo (a) anthracene	1.300	1.357	1.326	1.395	1.347		1.345	2.6
Chrysene	1.207	1.283	1.218	1.281	1.223		1.242	2.9
Bis (2-ethylhexyl) phthalate	0.648	0.725	0.723	0.800	0.799		0.739	8.6
Di-n-octyl phthalate		1.096	1.078	1.219	1.256	1.067	1.143	7.7
Benzo (b) fluoranthene	1.108	1.144	1.130	1.246	1.208		1.167	4.9
Benzo (k) fluoranthene	1.101	1.204	1.181	1.228	1.234		1.190	4.5
Benzo (a) pyrene	1.025	1.092	1.123	1.193	1.173		1.121	6.0
Indeno (1,2,3-cd) pyrene	1.236	1.251	1.350	1.412	1.478		1.346	7.7
Dibenzo (a,h) anthracene	1.031	1.031	1.113	1.154	1.211		1.108	7.1
Benzo (g,h,i) perylene	1.043	1.020	1.131	1.164	1.201		1.112	7.0
Acetophenone		2.197	2.027	2.154	1.971	1.591	1.988	12.1
2,3,4,6-Tetrachlorophenol	0.243	0.283	0.262	0.294	0.294		0.275	8.0
1,4-Dioxane-d8	0.532	0.504	0.517	0.496	0.474		0.505	4.4
Pyridine-d5		1.486	1.465	1.457	1.359	1.273	1.408	6.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052124 SAS No.: BN052124 SDG No.: BN052124
Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____
Calibration Time(s): 11:53 : _____

LAB FILE ID:		RRFAL1 = BN031595.D			RRFAL2 = BN031596.D		RRFAL3 = BN031597.D	
		RRFAL4 = BN031598.D			RRFAL5 = BN031599.D		RRFAL6 = BN031600.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.653	1.666	1.730	1.688	1.496	1.646	5.4
Bis-(2-Chloroethyl)ether-d8		1.034	1.014	1.043	0.981	0.865	0.987	7.3
2-Chlorophenol-d4	1.199	1.262	1.274	1.321	1.287		1.269	3.5
4-Methylphenol-d8		1.288	1.248	1.389	1.331	1.116	1.275	8.1
Nitrobenzene-d5	0.142	0.149	0.151	0.158	0.157		0.151	4.5
2-Nitrophenol-d4	0.123	0.135	0.141	0.159	0.165		0.145	12.0
2,4-Dichlorophenol-d3	0.266	0.286	0.277	0.297	0.287		0.283	4.2
4-Chloroaniline-d4		0.442	0.400	0.432	0.398	0.366	0.407	7.4
4-Methylphenol		1.397	1.335	1.460	1.390	1.152	1.347	8.7
Dimethylphthalate-d6	1.190	1.339	1.215	1.305	1.253		1.260	4.9
Acenaphthylene-d8	1.526	1.619	1.599	1.634	1.521		1.580	3.3
4-Nitrophenol-d4		0.231	0.218	0.244	0.244	0.255	0.238	6.0
Fluorene-d10	1.076	1.144	1.078	1.114	1.049		1.092	3.4
4,6-Dinitro-2-methylphenol-		0.067	0.068	0.091	0.102	0.104	0.086	20.8
Anthracene-d10	0.838	0.877	0.854	0.851	0.813		0.847	2.8
Pyrene-d10	1.204	1.408	1.130	1.288	1.242		1.255	8.2
Benzo(a)pyrene-d12	0.872	0.913	0.916	0.991	1.015		0.941	6.3
N-Nitroso-di-n-propylamine	0.987	1.096	0.981	1.076	0.967		1.021	5.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020247 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 09:27

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	477170	7.693	1.92628e+06	10.48	1.04031e+006	14.33
	UPPER LIMIT	954340	8.193	3852560	10.975	2080620	14.828
	LOWER LIMIT	238585	7.193	963140	9.975	520155	13.828
	EPA SAMPLE NO.						
01	SBLK002	454544	7.69	1.93234e	10.48	1.24087e	14.33
02	BHA12	484038	7.69	1.99334e	10.48	1.13179e	14.33
03	SP6523	385160	7.69	1.64652e	10.47	1.04891e	14.33
04	BHA13	449552	7.69	1.91661e	10.48	1.22358e	14.33
05	SLCS002	465600	7.69	2.01695e	10.48	1.19032e	14.33
06	SP6523	401457	7.69	1.77044e	10.48	1.114e+0	14.33
07	BH5P2	443124	7.69	1.89974e	10.48	1.18336e	14.33
08	BH5P3	455257	7.69	1.97945e	10.48	1.23299e	14.33
09	BH5Q3	499987	7.69	2.15214e	10.47	1.27876e	14.33
10	SBLK044	421161	7.69	1.77255e	10.48	1.03925e	14.33
11	BH5W9	455978	7.69	2.01001e	10.48	1.18726e	14.33
12	BH5Q1	448182	7.69	1.88528e	10.48	1.05049e	14.33
13	BH5W8	465297	7.69	1.85193e	10.48	958377	14.33
14	BH5Q2	445479	7.69	1.77039e	10.48	918118	14.33
15	BH5X3	437267	7.69	1.82223e	10.47	1.03261e	14.33
16	BH5N9	396635	7.69	1.50946e	10.48	808425	14.33
17	BH5X4	394914	7.69	1.47963e	10.48	775956	14.33
18	BH5X5	424844	7.69	1.61378e	10.48	813325	14.33
19	BH5X1	496080	7.69	1.98392e	10.48	1.02542e	14.33
20	BH5X2	461783	7.69	1.82923e	10.48	947854	14.33
21	BH5P0	486431	7.69	1.9337e+	10.48	972876	14.33
22	BH5P9	514814	7.69	2.18277e	10.47	1.22836e	14.33
23	BH5X0	525856	7.69	2.08332e	10.47	1.05762e	14.33



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020247 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 01:28

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	477170	7.693	1.92628e+06	10.48	1.04031e+006	14.33
UPPER LIMIT	954340	8.193	3852560	10.975	2080620	14.828
LOWER LIMIT	238585	7.193	963140	9.975	520155	13.828
EPA SAMPLE NO.						
24 SLCS044	490559	7.69	2.00664e	10.48	1.03741e	14.33

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020258 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031623.D Time Analyzed: 09:27

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	582986	7.693	2.55903e+06	10.48	1.59373e+006	14.33
UPPER LIMIT	1165972	8.193	5118060	10.975	3187460	14.828
LOWER LIMIT	291493	7.193	1279515	9.975	796865	13.828
EPA SAMPLE NO.						
01 SBLK002	454544	7.69	1.93234e	10.48	1.24087e	14.33
02 BHA12	484038	7.69	1.99334e	10.48	1.13179e	14.33
03 SP6523	385160	7.69	1.64652e	10.47	1.04891e	14.33
04 BHA13	449552	7.69	1.91661e	10.48	1.22358e	14.33
05 SLCS002	465600	7.69	2.01695e	10.48	1.19032e	14.33
06 SP6523	401457	7.69	1.77044e	10.48	1.114e+0	14.33
07 BH5P2	443124	7.69	1.89974e	10.48	1.18336e	14.33
08 BH5P3	455257	7.69	1.97945e	10.48	1.23299e	14.33
09 BH5Q3	499987	7.69	2.15214e	10.47	1.27876e	14.33

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020259 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031633.D Time Analyzed: 16:16

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	465754	7.693	2.06233e+01	10.48	1.2563e+006	14.33
UPPER LIMIT	931508	8.193	4124660	10.975	2512600	14.828
LOWER LIMIT	232877	7.193	1031165	9.975	628150	13.828
EPA SAMPLE NO.						
01 SBLK044	421161	7.69	1.77255e	10.48	1.03925e	14.33
02 BH5W9	455978	7.69	2.01001e	10.48	1.18726e	14.33
03 BH5Q1	448182	7.69	1.88528e	10.48	1.05049e	14.33
04 BH5W8	465297	7.69	1.85193e	10.48	958377	14.33
05 BH5Q2	445479	7.69	1.77039e	10.48	918118	14.33
06 BH5X3	437267	7.69	1.82223e	10.47	1.03261e	14.33
07 BH5N9	396635	7.69	1.50946e	10.48	808425	14.33
08 BH5X4	394914	7.69	1.47963e	10.48	775956	14.33
09 BH5X5	424844	7.69	1.61378e	10.48	813325	14.33
10 BH5X1	496080	7.69	1.98392e	10.48	1.02542e	14.33
11 BH5X2	461783	7.69	1.82923e	10.48	947854	14.33
12 BH5P0	486431	7.69	1.9337e+	10.48	972876	14.33
13 BH5P9	514814	7.69	2.18277e	10.47	1.22836e	14.33
14 BH5X0	525856	7.69	2.08332e	10.47	1.05762e	14.33
15 SLCS044	490559	7.69	2.00664e	10.48	1.03741e	14.33

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020247 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 09:27

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.74209e+01	17.075	1.32825e+	21.304	1.42727e+01	24.233
	UPPER LIMIT	3484180	17.575	2656500	21.804	2854540	24.733
	LOWER LIMIT	871045	16.575	664125	20.804	713635	23.733
	EPA SAMPLE NO.						
01	SBLK002	2.35448	17.07	1.59791e+	21.30	1.33838e+	24.23
02	BHA12	1.88539	17.07	1.36496e+	21.30	1.51675e+	24.23
03	SP6523	2.12304	17.07	1.53474e+	21.30	1.21939e+	24.25
04	BHA13	2.40504	17.07	1.67226e+	21.30	1.42098e+	24.24
05	SLCS002	2.11465	17.08	1.32848e+	21.30	1.34025e+	24.24
06	SP6523	2.24267	17.08	1.58066e+	21.30	1.26382e+	24.24
07	BH5P2	2.25168	17.07	1.37313e+	21.30	1.3006e+0	24.23
08	BH5P3	2.32997	17.07	1.3922e+0	21.30	1.2836e+0	24.23
09	BH5Q3	2.40638	17.07	1.39588e+	21.30	1.35615e+	24.23
10	SBLK044	1.7719e	17.07	1.13398e+	21.30	1.26005e+	24.23
11	BH5W9	2.11363	17.07	1.27466e+	21.30	1.44748e+	24.23
12	BH5Q1	1.71429	17.07	1.19538e+	21.30	1.42033e+	24.23
13	BH5W8	1.55716	17.07	1.22843e+	21.30	1.48208e+	24.24
14	BH5Q2	1.62248	17.07	1.38478e+	21.30	1.67974e+	24.23
15	BH5X3	1.74426	17.07	1.13467e+	21.30	1.34704e+	24.23
16	BH5N9	1.52444	17.07	1.4002e+0	21.30	1.72485e+	24.25
17	BH5X4	1.51559	17.08	1.38283e+	21.30	1.7717e+0	24.24
18	BH5X5	1.39579	17.07	1.25351e+	21.30	1.56105e+	24.23
19	BH5X1	1.64401	17.08	1.37063e+	21.30	1.68823e+	24.23
20	BH5X2	1.47459	17.08	1.21475e+	21.30	1.56956e+	24.23
21	BH5P0	1.52662	17.08	1.23043e+	21.30	1.52793e+	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020247 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 00:10

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.74209e+04	17.075	1.32825e+	21.304	1.42727e+04	24.233
UPPER LIMIT	3484180	17.575	2656500	21.804	2854540	24.733
LOWER LIMIT	871045	16.575	664125	20.804	713635	23.733
EPA SAMPLE NO.						
22 BH5P9	2.01255	17.07	1.28727e+	21.30	1.57995e+	24.24
23 BH5X0	1.75719	17.07	1.50935e+	21.30	1.85443e+	24.24
24 SLCS044	1.66825	17.08	1.27963e+	21.30	1.58753e+	24.24

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020258 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031623.D Time Analyzed: 09:27

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.07331e+01	17.075	2.10419e+	21.304	1.89392e+01	24.233
UPPER LIMIT	6146620	17.575	4208380	21.804	3787840	24.733
LOWER LIMIT	1536655	16.575	1052095	20.804	946960	23.733
EPA SAMPLE NO.						
01 SBLK002	2.35448	17.07	1.59791e+	21.30	1.33838e+	24.23
02 BHA12	1.88539	17.07	1.36496e+	21.30	1.51675e+	24.23
03 SP6523	2.12304	17.07	1.53474e+	21.30	1.21939e+	24.25
04 BHA13	2.40504	17.07	1.67226e+	21.30	1.42098e+	24.24
05 SLCS002	2.11465	17.08	1.32848e+	21.30	1.34025e+	24.24
06 SP6523	2.24267	17.08	1.58066e+	21.30	1.26382e+	24.24
07 BH5P2	2.25168	17.07	1.37313e+	21.30	1.3006e+0	24.23
08 BH5P3	2.32997	17.07	1.3922e+0	21.30	1.2836e+0	24.23
09 BH5Q3	2.40638	17.07	1.39588e+	21.30	1.35615e+	24.23

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020259 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031633.D Time Analyzed: 16:16

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.45116e+04	17.075	1.60244e+	21.304	1.3532e+00	24.233
	UPPER LIMIT	4902320	17.575	3204880	21.804	2706400	24.733
	LOWER LIMIT	1225580	16.575	801220	20.804	676600	23.733
	EPA SAMPLE NO.						
01	SBLK044	1.7719e	17.07	1.13398e+	21.30	1.26005e+	24.23
02	BH5W9	2.11363	17.07	1.27466e+	21.30	1.44748e+	24.23
03	BH5Q1	1.71429	17.07	1.19538e+	21.30	1.42033e+	24.23
04	BH5W8	1.55716	17.07	1.22843e+	21.30	1.48208e+	24.24
05	BH5Q2	1.62248	17.07	1.38478e+	21.30	1.67974e+	24.23
06	BH5X3	1.74426	17.07	1.13467e+	21.30	1.34704e+	24.23
07	BH5N9	1.52444	17.07	1.4002e+0	21.30	1.72485e+	24.25
08	BH5X4	1.51559	17.08	1.38283e+	21.30	1.7717e+0	24.24
09	BH5X5	1.39579	17.07	1.25351e+	21.30	1.56105e+	24.23
10	BH5X1	1.64401	17.08	1.37063e+	21.30	1.68823e+	24.23
11	BH5X2	1.47459	17.08	1.21475e+	21.30	1.56956e+	24.23
12	BH5P0	1.52662	17.08	1.23043e+	21.30	1.52793e+	24.24
13	BH5P9	2.01255	17.07	1.28727e+	21.30	1.57995e+	24.24
14	BH5X0	1.75719	17.07	1.50935e+	21.30	1.85443e+	24.24
15	SLCS044	1.66825	17.08	1.27963e+	21.30	1.58753e+	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052324 SAS No.: BN052324 SDG NO.: BN052324

EPA Sample No.: SSTD020259 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031633.D Time Analyzed: 01:28

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.45116e+04	17.075	1.60244e+	21.304	1.3532e+004	24.233
UPPER LIMIT	4902320	17.575	3204880	21.804	2706400	24.733
LOWER LIMIT	1225580	16.575	801220	20.804	676600	23.733
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161002BS	1,4-Dioxane	16	12	ug/L	75				0	0		
	Benzaldehyde	40	40	ug/L	100				0	0		
	Pyridine	40	31	ug/L	78				0	0		
	Phenol	40	33	ug/L	83				0	0		
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0		
	2-Chlorophenol	40	31	ug/L	78				0	0		
	2-Methylphenol	40	32	ug/L	80				0	0		
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0		
	Acetophenone	40	33	ug/L	83				0	0		
	4-Methylphenol	40	34	ug/L	85				0	0		
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0		
	Hexachloroethane	40	30	ug/L	75				0	0		
	Nitrobenzene	40	30	ug/L	75				0	0		
	Isophorone	40	31	ug/L	78				0	0		
	2-Nitrophenol	40	32	ug/L	80				0	0		
	2,4-Dimethylphenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0		
	2,4-Dichlorophenol	40	32	ug/L	80				0	0		
	Naphthalene	40	30	ug/L	75				0	0		
	4-Chloroaniline	40	32	ug/L	80				0	0		
	Hexachlorobutadiene	40	29	ug/L	73				0	0		
	Caprolactam	40	35	ug/L	88				0	0		
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0		
	1-Methylnaphthalene	40	32	ug/L	80				0	0		
	2-Methylnaphthalene	40	31	ug/L	78				0	0		
	Hexachlorocyclopentadiene	40	23	ug/L	58				0	0		
	2,4,6-Trichlorophenol	40	32	ug/L	80				0	0		
	2,4,5-Trichlorophenol	40	33	ug/L	83				0	0		
	1,1'-Biphenyl	40	31	ug/L	78				0	0		
	2-Chloronaphthalene	40	31	ug/L	78				0	0		
	2-Nitroaniline	40	35	ug/L	88				0	0		
	Dimethylphthalate	40	33	ug/L	83				0	0		
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0		
	Acenaphthylene	40	31	ug/L	78				0	0		
	3-Nitroaniline	40	35	ug/L	88				0	0		
	Acenaphthene	40	31	ug/L	78				0	0		
	2,4-Dinitrophenol	40	30	ug/L	75				0	0		
	4-Nitrophenol	40	34	ug/L	85				0	0		
	Dibenzofuran	40	33	ug/L	83				0	0		
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0		
	Diethylphthalate	40	34	ug/L	85				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161002BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0		
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0		
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	29	ug/L	73				0	0		
	Pentachlorophenol	40	32	ug/L	80				0	0		
	Phenanthrene	40	34	ug/L	85				0	0		
	Pentachlorobenzene	40	32	ug/L	80				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	34	ug/L	85				0	0		
	Fluoranthene	40	35	ug/L	88				0	0		
	Pyrene	40	35	ug/L	88				0	0		
	Butylbenzylphthalate	40	35	ug/L	88				0	0		
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0		
	Benzo(a)anthracene	40	34	ug/L	85				0	0		
	Chrysene	40	34	ug/L	85				0	0		
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0		
	Di-n-octylphthalate	40	33	ug/L	83				0	0		
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(a)pyrene	40	31	ug/L	78				0	0		
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	40	35	ug/L	88				0	0		
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0		
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161044BS	1,4-Dioxane	530	400	ug/Kg	75				0	0	
	Benzaldehyde	1300	1200	ug/Kg	92				0	0	
	Pyridine	1300	1000	ug/Kg	77				0	0	
	Phenol	1300	1100	ug/Kg	85				0	0	
	Bis(2-chloroethyl)ether	1300	1000	ug/Kg	77				0	0	
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0	
	2-Methylphenol	1300	1000	ug/Kg	77				0	0	
	2,2-oxybis(1-Chloropropane)	1300	990	ug/Kg	76				0	0	
	Acetophenone	1300	1000	ug/Kg	77				0	0	
	4-Methylphenol	1300	1000	ug/Kg	77				0	0	
	N-Nitroso-di-n-propylamine	1300	970	ug/Kg	75				0	0	
	Hexachloroethane	1300	1000	ug/Kg	77				0	0	
	Nitrobenzene	1300	1000	ug/Kg	77				0	0	
	Isophorone	1300	980	ug/Kg	75				0	0	
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0	
	2,4-Dimethylphenol	1300	910	ug/Kg	70				0	0	
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0	
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0	
	Naphthalene	1300	990	ug/Kg	76				0	0	
	4-Chloroaniline	1300	960	ug/Kg	74				0	0	
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0	
	Caprolactam	1300	980	ug/Kg	75				0	0	
	4-Chloro-3-methylphenol	1300	990	ug/Kg	76				0	0	
	1-Methylnaphthalene	1300	990	ug/Kg	76				0	0	
	2-Methylnaphthalene	1300	990	ug/Kg	76				0	0	
	Hexachlorocyclopentadiene	1300	790	ug/Kg	61				0	0	
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0	
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0	
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Acenaphthylene	1300	1000	ug/Kg	77				0	0	
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0	
	Acenaphthene	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrophenol	1300	840	ug/Kg	65				0	0	
	4-Nitrophenol	1300	960	ug/Kg	74				0	0	
	Dibenzofuran	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Diethylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluorene	1300	1000	ug/Kg	77				0	0	
	4-Chlorophenyl-phenylether	1300	990	ug/Kg	76				0	0	
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161044BS	4,6-Dinitro-2-methylphenol	1300	970	ug/Kg	75				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	1200	ug/Kg	92				0	0		
	Pentachlorophenol	1300	1000	ug/Kg	77				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	900	ug/Kg	69				0	0		
	Pyrene	1300	930	ug/Kg	72				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	910	ug/Kg	70				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	990	ug/Kg	76				0	0		
	Benzo(a)pyrene	1300	920	ug/Kg	71				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6523

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052324

SAS No.: BN052324 SDG NO.: BN052324

Lab File ID: BN031626.D

Lab Sample ID: SP6523

Instrument ID: BNA_N

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 10:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6523	SP6523	BN031626.D	05/23/2024
SP6523	SP6523	BN031629.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK002

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052324

SAS No.: BN052324 SDG NO.: BN052324

Lab File ID: BN031624.D

Lab Sample ID: PB161002BL

Instrument ID: BNA_N

Date Extracted: 05/20/2024

Matrix: (soil/water) Water

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 09:27

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHA12	P2483-01	BN031625.D	05/23/2024
BHA13	P2483-02	BN031627.D	05/23/2024
PB161002BS	PB161002BS	BN031628.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK044

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052324

SAS No.: BN052324 SDG NO.: BN052324

Lab File ID: BN031634.D

Lab Sample ID: PB161044BL

Instrument ID: BNA_N

Date Extracted: 05/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 16:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5W9	P2547-12	BN031635.D	05/23/2024
BH5Q1	P2547-08	BN031636.D	05/23/2024
BH5W8	P2547-11	BN031637.D	05/23/2024
BH5Q2	P2547-09	BN031638.D	05/23/2024
BH5X3	P2547-16	BN031639.D	05/23/2024
BH5N9	P2547-01	BN031640.D	05/23/2024
BH5X4	P2547-17	BN031641.D	05/23/2024
BH5X5	P2547-18	BN031642.D	05/23/2024
BH5X1	P2547-14	BN031643.D	05/23/2024
BH5X2	P2547-15	BN031644.D	05/23/2024
BH5P0	P2547-02	BN031645.D	05/23/2024
BH5P9	P2547-06	BN031646.D	05/24/2024
BH5X0	P2547-13	BN031647.D	05/24/2024
PB161044BS	PB161044BS	BN031648.D	05/24/2024
BH5P2	P2547-04	BN031630.D	05/23/2024
BH5P3	P2547-05	BN031631.D	05/23/2024
BH5Q3	P2547-10	BN031632.D	05/23/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6523	SP6523	BN031626.D	1,4-Dioxane-d8	8	18,608.00	232600	*	15	120
			Pyridine-d5	40	99,413.00	248532	*	20	120
		BN031629.D	1,4-Dioxane-d8	8	18,709.00	233863	*	15	120
			Pyridine-d5	40	96,477.00	241193	*	20	120
		BN031626.D	Phenol-d5	40	95,439.00	238598	*	10	130
			Phenol-d5	40	96,625.00	241563	*	10	130
		BN031629.D	Bis(2-Chloroethyl)ether-d8	40	99,465.00	248663	*	25	120
			Bis(2-Chloroethyl)ether-d8	40	95,629.00	239073	*	25	120
		BN031626.D	2-Chlorophenol-d4	40	95,168.00	237920	*	20	130
			2-Chlorophenol-d4	40	98,949.00	247373	*	20	130
		BN031629.D	4-Methylphenol-d8	40	98,502.00	246255	*	25	125
			4-Methylphenol-d8	40	97,685.00	244213	*	25	125
		BN031626.D	Nitrobenzene-d5	40	94,979.00	237448	*	20	125
			Nitrobenzene-d5	40	97,619.00	244048	*	20	125
		BN031629.D	2-Nitrophenol-d4	40	101,986.00	254965	*	20	130
			2-Nitrophenol-d4	40	100,606.00	251515	*	20	130
		BN031626.D	2,4-Dichlorophenol-d3	40	88,081.00	220202	*	20	120
			2,4-Dichlorophenol-d3	40	90,712.00	226780	*	20	120
		BN031629.D	4-Chloroaniline-d4	40	100,020.00	250050	*	1	146
			4-Chloroaniline-d4	40	98,706.00	246765	*	1	146
		BN031626.D	Dimethylphthalate-d6	40	97,120.00	242800	*	25	130
			Dimethylphthalate-d6	40	95,788.00	239470	*	25	130
		BN031629.D	Acenaphthylene-d8	40	90,523.00	226307	*	10	130
			Acenaphthylene-d8	40	89,126.00	222815	*	10	130
		BN031626.D	4-Nitrophenol-d4	40	99,611.00	249027	*	10	150
			4-Nitrophenol-d4	40	97,647.00	244118	*	10	150
		BN031629.D	Fluorene-d10	40	91,438.00	228595	*	25	125
			Fluorene-d10	40	93,478.00	233695	*	25	125
		BN031626.D	4,6-Dinitro-2-methylphenol-d2	40	85,832.00	214580	*	10	130
			4,6-Dinitro-2-methylphenol-d2	40	82,331.00	205827	*	10	130
		BN031629.D	Anthracene-d10	40	87,312.00	218280	*	25	130
			Anthracene-d10	40	88,907.00	222268	*	25	130
		BN031626.D	Pyrene-d10	40	87,105.00	217763	*	15	130
			Pyrene-d10	40	86,112.00	215280	*	15	130
		BN031629.D	Benzo(a)pyrene-d12	40	99,373.00	248432	*	20	130
			Benzo(a)pyrene-d12	40	99,620.00	249050	*	20	130

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2483-01	BHA12	BN031625.D	Pyridine-d5	40	7.37	18	*	20	120
			1,4-Dioxane-d8	8	4.58	57		15	120
			Phenol-d5	40	7.60	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.95	77		25	120
			2-Chlorophenol-d4	40	24.67	62		20	130
			4-Methylphenol-d8	40	16.30	41		25	125
			Nitrobenzene-d5	40	29.62	74		20	125
			2-Nitrophenol-d4	40	27.73	69		20	130
			2,4-Dichlorophenol-d3	40	26.11	65		20	120
			4-Chloroaniline-d4	40	26.04	65		1	146
			Dimethylphthalate-d6	40	32.43	81		25	130
			Acenaphthylene-d8	40	31.47	79		10	130
			4-Nitrophenol-d4	40	5.22	13		10	150
			Fluorene-d10	40	32.02	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.34	56		10	130
			Anthracene-d10	40	35.45	89		25	130
			Pyrene-d10	40	32.43	81		15	130
			Benzo(a)pyrene-d12	40	34.51	86		20	130
P2483-02	BHA13	BN031627.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	14.47	36		20	120
			Phenol-d5	40	8.83	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.72	94		25	120
			2-Chlorophenol-d4	40	28.96	72		20	130
			4-Methylphenol-d8	40	20.23	51		25	125
			Nitrobenzene-d5	40	36.09	90		20	125
			2-Nitrophenol-d4	40	33.71	84		20	130
			2,4-Dichlorophenol-d3	40	32.32	81		20	120
			4-Chloroaniline-d4	40	35.54	89		1	146
			Dimethylphthalate-d6	40	40.59	101		25	130
			Acenaphthylene-d8	40	38.23	96		10	130
			4-Nitrophenol-d4	40	7.63	19		10	150
			Fluorene-d10	40	40.94	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.37	71		10	130
			Anthracene-d10	40	42.94	107		25	130
			Pyrene-d10	40	44.55	111		15	130
			Benzo(a)pyrene-d12	40	44.41	111		20	130
PB161002BL	PB161002BL	BN031624.D	Pyridine-d5	40	32.09	80		20	120
			1,4-Dioxane-d8	8	6.01	75		15	120
			Phenol-d5	40	31.06	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.93	80		25	120
			2-Chlorophenol-d4	40	31.52	79		20	130
			4-Methylphenol-d8	40	31.71	79		25	125
			Nitrobenzene-d5	40	30.71	77		20	125
			2-Nitrophenol-d4	40	30.42	76		20	130
			2,4-Dichlorophenol-d3	40	29.47	74		20	120
			4-Chloroaniline-d4	40	33.83	85		1	146
			Dimethylphthalate-d6	40	34.41	86		25	130
			Acenaphthylene-d8	40	31.50	79		10	130
			4-Nitrophenol-d4	40	29.96	75		10	150

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161002BL	PB161002BL	BN031624.D	Fluorene-d10	40	33.72	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.41	61		10	130
			Anthracene-d10	40	34.29	86		25	130
			Pyrene-d10	40	35.31	88		15	130
			Benzo(a)pyrene-d12	40	34.20	85		20	130
PB161002BS	PB161002BS	BN031628.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	30.99	77		20	120
			Phenol-d5	40	32.83	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.73	82		25	120
			2-Chlorophenol-d4	40	32.19	80		20	130
			4-Methylphenol-d8	40	33.17	83		25	125
			Nitrobenzene-d5	40	30.84	77		20	125
			2-Nitrophenol-d4	40	31.20	78		20	130
			2,4-Dichlorophenol-d3	40	31.66	79		20	120
			4-Chloroaniline-d4	40	35.92	90		1	146
			Dimethylphthalate-d6	40	34.27	86		25	130
			Acenaphthylene-d8	40	33.13	83		10	130
			4-Nitrophenol-d4	40	34.20	85		10	150
			Fluorene-d10	40	33.66	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.78	77		10	130
			Anthracene-d10	40	33.75	84		25	130
			Pyrene-d10	40	35.43	89		15	130
			Benzo(a)pyrene-d12	40	35.27	88		20	130

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-01	BH5N9	BN031640.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Pyridine-d5	40	10.81	27		20	120
			Phenol-d5	40	16.71	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.67	42		10	150
			2-Chlorophenol-d4	40	17.48	44		15	120
			4-Methylphenol-d8	40	15.04	38		10	140
			Nitrobenzene-d5	40	17.26	43		10	135
			2-Nitrophenol-d4	40	16.45	41		10	120
			2,4-Dichlorophenol-d3	40	16.94	42		10	140
			4-Chloroaniline-d4	40	9.64	24		1	145
			Dimethylphthalate-d6	40	18.98	47		10	145
			Acenaphthylene-d8	40	18.64	47		15	120
			4-Nitrophenol-d4	40	13.13	33		10	150
			Fluorene-d10	40	18.89	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.47	24		10	130
			Anthracene-d10	40	20.18	50		10	150
			Pyrene-d10	40	17.53	44		10	130
			Benzo(a)pyrene-d12	40	20.31	51		10	140
P2547-02	BH5P0	BN031645.D	1,4-Dioxane-d8	8	1.44	18		15	120
			Pyridine-d5	40	3.78	9	*	20	120
			Phenol-d5	40	7.39	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.04	20		10	150
			2-Chlorophenol-d4	40	8.04	20		15	120
			4-Methylphenol-d8	40	5.81	15		10	140
			Nitrobenzene-d5	40	7.69	19		10	135
			2-Nitrophenol-d4	40	7.31	18		10	120
			2,4-Dichlorophenol-d3	40	7.50	19		10	140
			4-Chloroaniline-d4	40	4.27	11		1	145
			Dimethylphthalate-d6	40	8.98	22		10	145
			Acenaphthylene-d8	40	8.58	21		15	120
			4-Nitrophenol-d4	40	3.84	10		10	150
			Fluorene-d10	40	8.36	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.59	9	*	10	130
			Anthracene-d10	40	8.97	22		10	150
			Pyrene-d10	40	8.16	20		10	130
			Benzo(a)pyrene-d12	40	9.49	24		10	140
P2547-04	BH5P2	BN031630.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	14.95	37		20	120
			Phenol-d5	40	17.31	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.58	44		10	150
			2-Chlorophenol-d4	40	16.97	42		15	120
			4-Methylphenol-d8	40	17.13	43		10	140
			Nitrobenzene-d5	40	15.64	39		10	135
			2-Nitrophenol-d4	40	15.01	38		10	120
			2,4-Dichlorophenol-d3	40	16.36	41		10	140
			4-Chloroaniline-d4	40	17.97	45		1	145
			Dimethylphthalate-d6	40	20.00	50		10	145
			Acenaphthylene-d8	40	18.14	45		15	120
			4-Nitrophenol-d4	40	14.04	35		10	150

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-04	BH5P2	BN031630.D	Fluorene-d10	40	19.60	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.26	28		10	130
			Anthracene-d10	40	20.03	50		10	150
			Pyrene-d10	40	22.14	55		10	130
			Benzo(a)pyrene-d12	40	20.50	51		10	140
P2547-05	BH5P3	BN031631.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	16.77	42		20	120
			Phenol-d5	40	20.48	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.17	53		10	150
			2-Chlorophenol-d4	40	20.03	50		15	120
			4-Methylphenol-d8	40	20.99	52		10	140
			Nitrobenzene-d5	40	19.00	48		10	135
			2-Nitrophenol-d4	40	18.03	45		10	120
			2,4-Dichlorophenol-d3	40	19.31	48		10	140
			4-Chloroaniline-d4	40	20.54	51		1	145
			Dimethylphthalate-d6	40	22.56	56		10	145
			Acenaphthylene-d8	40	20.94	52		15	120
			4-Nitrophenol-d4	40	16.35	41		10	150
			Fluorene-d10	40	22.30	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.52	31		10	130
			Anthracene-d10	40	22.11	55		10	150
			Pyrene-d10	40	25.24	63		10	130
			Benzo(a)pyrene-d12	40	23.65	59		10	140
			1,4-Dioxane-d8	8	1.44	18		15	120
			Pyridine-d5	40	4.08	10	*	20	120
P2547-06	BH5P9	BN031646.D	Phenol-d5	40	8.63	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.01	23		10	150
			2-Chlorophenol-d4	40	9.00	23		15	120
			4-Methylphenol-d8	40	5.94	15		10	140
			Nitrobenzene-d5	40	8.57	21		10	135
			2-Nitrophenol-d4	40	8.19	20		10	120
			2,4-Dichlorophenol-d3	40	8.08	20		10	140
			4-Chloroaniline-d4	40	6.61	17		1	145
			Dimethylphthalate-d6	40	9.77	24		10	145
			Acenaphthylene-d8	40	9.31	23		15	120
			4-Nitrophenol-d4	40	4.25	11		10	150
			Fluorene-d10	40	9.38	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.20	11		10	130
			Anthracene-d10	40	9.33	23		10	150
			Pyrene-d10	40	9.35	23		10	130
			Benzo(a)pyrene-d12	40	9.68	24		10	140
			1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	16.17	40		20	120
			Phenol-d5	40	20.20	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.18	50		10	150
P2547-08	BH5Q1	BN031636.D	2-Chlorophenol-d4	40	20.18	50		15	120
			4-Methylphenol-d8	40	19.28	48		10	140
			Nitrobenzene-d5	40	18.83	47		10	135
			2-Nitrophenol-d4	40	18.21	46		10	120

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-08	BH5Q1	BN031636.D	2,4-Dichlorophenol-d3	40	18.85	47		10	140
			4-Chloroaniline-d4	40	18.40	46		1	145
			Dimethylphthalate-d6	40	20.78	52		10	145
			Acenaphthylene-d8	40	19.96	50		15	120
			4-Nitrophenol-d4	40	12.01	30		10	150
			Fluorene-d10	40	19.68	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.99	30		10	130
			Anthracene-d10	40	21.24	53		10	150
			Pyrene-d10	40	19.52	49		10	130
			Benzo(a)pyrene-d12	40	21.39	53		10	140
P2547-09	BH5Q2	BN031638.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	17.71	44		20	120
			Phenol-d5	40	19.77	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.07	50		10	150
			2-Chlorophenol-d4	40	20.27	51		15	120
			4-Methylphenol-d8	40	18.12	45		10	140
			Nitrobenzene-d5	40	19.25	48		10	135
			2-Nitrophenol-d4	40	18.19	45		10	120
			2,4-Dichlorophenol-d3	40	18.75	47		10	140
			4-Chloroaniline-d4	40	19.16	48		1	145
			Dimethylphthalate-d6	40	20.59	51		10	145
			Acenaphthylene-d8	40	20.68	52		15	120
			4-Nitrophenol-d4	40	14.77	37		10	150
			Fluorene-d10	40	20.19	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.58	29		10	130
			Anthracene-d10	40	21.05	53		10	150
			Pyrene-d10	40	18.48	46		10	130
			Benzo(a)pyrene-d12	40	21.92	55		10	140
P2547-10	BH5Q3	BN031632.D	Pyridine-d5	40	10.51	26		20	120
			1,4-Dioxane-d8	8	2.85	36		15	120
			Phenol-d5	40	15.85	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.78	42		10	150
			2-Chlorophenol-d4	40	15.99	40		15	120
			4-Methylphenol-d8	40	15.04	38		10	140
			Nitrobenzene-d5	40	15.12	38		10	135
			2-Nitrophenol-d4	40	14.19	35		10	120
			2,4-Dichlorophenol-d3	40	15.12	38		10	140
			4-Chloroaniline-d4	40	15.84	40		1	145
			Dimethylphthalate-d6	40	18.51	46		10	145
			Acenaphthylene-d8	40	17.50	44		15	120
			4-Nitrophenol-d4	40	9.53	24		10	150
			Fluorene-d10	40	18.49	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.81	22		10	130
			Anthracene-d10	40	17.96	45		10	150
			Pyrene-d10	40	20.42	51		10	130
			Benzo(a)pyrene-d12	40	17.85	45		10	140
P2547-11	BH5W8	BN031637.D	1,4-Dioxane-d8	8	2.13	27		15	120
			Pyridine-d5	40	7.05	18	*	20	120
			Phenol-d5	40	11.17	28		10	130

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-11	BH5W8	BN031637.D	Bis(2-Chloroethyl)ether-d8	40	12.50	31		10	150
			2-Chlorophenol-d4	40	12.01	30		15	120
			4-Methylphenol-d8	40	8.77	22		10	140
			Nitrobenzene-d5	40	11.82	30		10	135
			2-Nitrophenol-d4	40	11.00	27		10	120
			2,4-Dichlorophenol-d3	40	11.12	28		10	140
			4-Chloroaniline-d4	40	8.08	20		1	145
			Dimethylphthalate-d6	40	13.90	35		10	145
			Acenaphthylene-d8	40	13.53	34		15	120
			4-Nitrophenol-d4	40	5.35	13		10	150
			Fluorene-d10	40	13.47	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.45	16		10	130
			Anthracene-d10	40	13.92	35		10	150
			Pyrene-d10	40	12.73	32		10	130
			Benzo(a)pyrene-d12	40	14.45	36		10	140
P2547-12	BH5W9	BN031635.D	Pyridine-d5	40	17.00	42		20	120
			1,4-Dioxane-d8	8	3.41	43		15	120
			Phenol-d5	40	20.45	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.99	52		10	150
			2-Chlorophenol-d4	40	20.12	50		15	120
			4-Methylphenol-d8	40	19.07	48		10	140
			Nitrobenzene-d5	40	18.60	46		10	135
			2-Nitrophenol-d4	40	17.82	45		10	120
			2,4-Dichlorophenol-d3	40	19.09	48		10	140
			4-Chloroaniline-d4	40	19.64	49		1	145
			Dimethylphthalate-d6	40	22.56	56		10	145
			Acenaphthylene-d8	40	21.07	53		15	120
			4-Nitrophenol-d4	40	14.30	36		10	150
			Fluorene-d10	40	22.57	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.38	31		10	130
			Anthracene-d10	40	22.33	56		10	150
			Pyrene-d10	40	22.88	57		10	130
P2547-13	BH5X0	BN031647.D	Benzo(a)pyrene-d12	40	22.93	57		10	140
			1,4-Dioxane-d8	8	3.56	44		15	120
			Pyridine-d5	40	17.71	44		20	120
			Phenol-d5	40	20.56	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.82	52		10	150
			2-Chlorophenol-d4	40	21.17	53		15	120
			4-Methylphenol-d8	40	20.04	50		10	140
			Nitrobenzene-d5	40	21.26	53		10	135
			2-Nitrophenol-d4	40	21.22	53		10	120
			2,4-Dichlorophenol-d3	40	19.69	49		10	140
			4-Chloroaniline-d4	40	20.65	52		1	145
			Dimethylphthalate-d6	40	22.50	56		10	145
			Acenaphthylene-d8	40	22.31	56		15	120
			4-Nitrophenol-d4	40	16.25	41		10	150
			Fluorene-d10	40	21.29	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.77	32		10	130
			Anthracene-d10	40	21.91	55		10	150

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-13	BH5X0	BN031647.D	Pyrene-d10	40	19.11	48		10	130
			Benzo(a)pyrene-d12	40	22.92	57		10	140
P2547-14	BH5X1	BN031643.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	19.15	48		20	120
			Phenol-d5	40	21.88	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.38	53		10	150
			2-Chlorophenol-d4	40	22.36	56		15	120
			4-Methylphenol-d8	40	20.97	52		10	140
			Nitrobenzene-d5	40	21.48	54		10	135
			2-Nitrophenol-d4	40	21.91	55		10	120
			2,4-Dichlorophenol-d3	40	20.79	52		10	140
			4-Chloroaniline-d4	40	21.96	55		1	145
			Dimethylphthalate-d6	40	24.21	61		10	145
			Acenaphthylene-d8	40	23.35	58		15	120
			4-Nitrophenol-d4	40	16.36	41		10	150
			Fluorene-d10	40	22.70	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.78	34		10	130
			Anthracene-d10	40	23.78	59		10	150
			Pyrene-d10	40	20.69	52		10	130
			Benzo(a)pyrene-d12	40	24.66	62		10	140
P2547-15	BH5X2	BN031644.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Pyridine-d5	40	14.20	35		20	120
			Phenol-d5	40	18.06	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.78	42		10	150
			2-Chlorophenol-d4	40	17.28	43		15	120
			4-Methylphenol-d8	40	17.69	44		10	140
			Nitrobenzene-d5	40	17.09	43		10	135
			2-Nitrophenol-d4	40	17.12	43		10	120
			2,4-Dichlorophenol-d3	40	16.94	42		10	140
			4-Chloroaniline-d4	40	18.22	46		1	145
			Dimethylphthalate-d6	40	20.03	50		10	145
			Acenaphthylene-d8	40	18.99	47		15	120
			4-Nitrophenol-d4	40	12.59	31		10	150
			Fluorene-d10	40	19.00	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.58	26		10	130
			Anthracene-d10	40	20.91	52		10	150
			Pyrene-d10	40	17.87	45		10	130
			Benzo(a)pyrene-d12	40	20.54	51		10	140
P2547-16	BH5X3	BN031639.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Pyridine-d5	40	10.82	27		20	120
			Phenol-d5	40	17.65	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.98	45		10	150
			2-Chlorophenol-d4	40	17.85	45		15	120
			4-Methylphenol-d8	40	15.31	38		10	140
			Nitrobenzene-d5	40	17.51	44		10	135
			2-Nitrophenol-d4	40	17.14	43		10	120
			2,4-Dichlorophenol-d3	40	17.87	45		10	140
			4-Chloroaniline-d4	40	11.95	30		1	145
			Dimethylphthalate-d6	40	20.78	52		10	145

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-16	BH5X3	BN031639.D	Acenaphthylene-d8	40	19.58	49		15	120
			4-Nitrophenol-d4	40	10.76	27		10	150
			Fluorene-d10	40	19.91	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.23	28		10	130
			Anthracene-d10	40	20.18	50		10	150
			Pyrene-d10	40	19.62	49		10	130
			Benzo(a)pyrene-d12	40	21.56	54		10	140
P2547-17	BH5X4	BN031641.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	12.18	30		20	120
			Phenol-d5	40	17.67	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.96	45		10	150
			2-Chlorophenol-d4	40	18.97	47		15	120
			4-Methylphenol-d8	40	16.38	41		10	140
			Nitrobenzene-d5	40	18.59	46		10	135
			2-Nitrophenol-d4	40	18.45	46		10	120
			2,4-Dichlorophenol-d3	40	18.53	46		10	140
			4-Chloroaniline-d4	40	15.83	40		1	145
			Dimethylphthalate-d6	40	21.90	55		10	145
			Acenaphthylene-d8	40	21.31	53		15	120
			4-Nitrophenol-d4	40	16.01	40		10	150
			Fluorene-d10	40	21.97	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.66	29		10	130
			Anthracene-d10	40	23.05	58		10	150
			Pyrene-d10	40	19.36	48		10	130
			Benzo(a)pyrene-d12	40	22.32	56		10	140
			1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	17.20	43		20	120
			Phenol-d5	40	19.42	49		10	130
P2547-18	BH5X5	BN031642.D	Bis(2-Chloroethyl)ether-d8	40	20.42	51		10	150
			2-Chlorophenol-d4	40	20.87	52		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	21.34	53		10	135
			2-Nitrophenol-d4	40	21.38	53		10	120
			2,4-Dichlorophenol-d3	40	20.38	51		10	140
			4-Chloroaniline-d4	40	19.37	48		1	145
			Dimethylphthalate-d6	40	22.92	57		10	145
			Acenaphthylene-d8	40	23.14	58		15	120
			4-Nitrophenol-d4	40	14.47	36		10	150
			Fluorene-d10	40	22.19	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.56	29		10	130
			Anthracene-d10	40	22.79	57		10	150
			Pyrene-d10	40	19.26	48		10	130
			Benzo(a)pyrene-d12	40	23.59	59		10	140
			1,4-Dioxane-d8	8	6.31	79		15	120
			Pyridine-d5	40	31.85	80		20	120
			Phenol-d5	40	31.63	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.62	82		10	150
			2-Chlorophenol-d4	40	32.30	81		15	120
			4-Methylphenol-d8	40	31.69	79		10	140
PB161044BL	PB161044BL	BN031634.D	1,4-Dioxane-d8	8	6.31	79		15	120
			Pyridine-d5	40	31.85	80		20	120
			Phenol-d5	40	31.63	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.62	82		10	150
			2-Chlorophenol-d4	40	32.30	81		15	120

Surrogate Summary

SW-846

SDG No.: BN052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161044BL	PB161044BL	BN031634.D	Nitrobenzene-d5	40	30.77	77		10	135
			2-Nitrophenol-d4	40	29.71	74		10	120
			2,4-Dichlorophenol-d3	40	29.08	73		10	140
			4-Chloroaniline-d4	40	32.85	82		1	145
			Dimethylphthalate-d6	40	33.54	84		10	145
			Acenaphthylene-d8	40	32.01	80		15	120
			4-Nitrophenol-d4	40	25.37	63		10	150
			Fluorene-d10	40	32.32	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.02	53		10	130
			Anthracene-d10	40	33.62	84		10	150
			Pyrene-d10	40	32.77	82		10	130
			Benzo(a)pyrene-d12	40	33.54	84		10	140
PB161044BS	PB161044BS	BN031648.D	1,4-Dioxane-d8	8	6.19	77		15	120
			Pyridine-d5	40	31.48	79		20	120
			Phenol-d5	40	32.61	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.85	80		10	150
			2-Chlorophenol-d4	40	33.65	84		15	120
			4-Methylphenol-d8	40	31.97	80		10	140
			Nitrobenzene-d5	40	32.63	82		10	135
			2-Nitrophenol-d4	40	33.11	83		10	120
			2,4-Dichlorophenol-d3	40	31.62	79		10	140
			4-Chloroaniline-d4	40	30.57	76		1	145
			Dimethylphthalate-d6	40	32.89	82		10	145
			Acenaphthylene-d8	40	33.14	83		15	120
			4-Nitrophenol-d4	40	29.78	74		10	150
			Fluorene-d10	40	30.85	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.81	72		10	130
			Anthracene-d10	40	32.21	81		10	150
			Pyrene-d10	40	28.55	71		10	130
			Benzo(a)pyrene-d12	40	32.55	81		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052324

Lab Code: CHEM

SAS No.: BN052324

SDG NO.: BN052324

Lab File ID: BN031622.D

DFTPP Injection Date: 05/23/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	40.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	7.8
442	Greater than 50% of mass 198	54.7
443	15.0 - 24.0% of mass 442	11.3 (20.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020258	SSTDCCC020	BN031623.D	05/23/2024	08:48
SBLK002	PB161002BL	BN031624.D	05/23/2024	09:27
BHA12	P2483-01	BN031625.D	05/23/2024	10:06
SP6523	SP6523	BN031626.D	05/23/2024	10:55
BHA13	P2483-02	BN031627.D	05/23/2024	11:35
SLCS002	PB161002BS	BN031628.D	05/23/2024	12:14
SP6523	SP6523	BN031629.D	05/23/2024	12:54
BH5P2	P2547-04	BN031630.D	05/23/2024	13:33
BH5P3	P2547-05	BN031631.D	05/23/2024	14:12
BH5Q3	P2547-10	BN031632.D	05/23/2024	14:57
SSTD020259	SSTDCCC020	BN031633.D	05/23/2024	15:37
SBLK044	PB161044BL	BN031634.D	05/23/2024	16:16
BH5W9	P2547-12	BN031635.D	05/23/2024	16:56
BH5Q1	P2547-08	BN031636.D	05/23/2024	17:35
BH5W8	P2547-11	BN031637.D	05/23/2024	18:14
BH5Q2	P2547-09	BN031638.D	05/23/2024	18:54
BH5X3	P2547-16	BN031639.D	05/23/2024	19:33
BH5N9	P2547-01	BN031640.D	05/23/2024	20:13

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052324

Lab Code: CHEM

SAS No.: BN052324

SDG NO.: BN052324

Lab File ID: BN031622.D

DFTPP Injection Date: 05/23/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	40.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	7.8
442	Greater than 50% of mass 198	54.7
443	15.0 - 24.0% of mass 442	11.3 (20.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BH5X4	P2547-17	BN031641.D	05/23/2024	20:52
BH5X5	P2547-18	BN031642.D	05/23/2024	21:32
BH5X1	P2547-14	BN031643.D	05/23/2024	22:11
BH5X2	P2547-15	BN031644.D	05/23/2024	22:51
BH5P0	P2547-02	BN031645.D	05/23/2024	23:30
BH5P9	P2547-06	BN031646.D	05/24/2024	00:10
BH5X0	P2547-13	BN031647.D	05/24/2024	00:49
SLCS044	PB161044BS	BN031648.D	05/24/2024	01:28
SSTD020260	SSTDCCC020EC	BN031649.D	05/24/2024	02:47